

High Quality Construction Chemicals

SUNPLAST PC



And Miles to before I sleep, | Prateek Gupta
and miles to go before I sleep. | Managing Director



Certificate of Registration

This is to certify that

M/S IRIDIUM CHEMICAL

**8TH FLOOR, 801, SHWETA APATMENT, 117/H-1/499, PANDU NAGAR,
KANPUR NAGAR, UTTAR PRADESH, 208005, INDIA**

has been independently assessed by QRO
and is compliant with the requirement of:

ISO 9001:2015

Quality Management System

For the following scope of activities:

**MANUFACTURER OF CURING COMPOUND, WATER PROOFING,
MICRO SILICA, SUNFINE & VARIOUS CONSTRUCTION CHEMICALS**

Date of Certification: 23rd December 2023

2nd Surveillance Audit Due: 22nd December 2025

1st Surveillance Audit Due: 22nd December 2024

Certificate Expiry: 22nd December 2026

Certificate Number: 305023122327Q



A handwritten signature in blue ink, appearing to read 'Chirantan..'.

Head of Certification

Validity of this certificate is subject to annual surveillance audits to be done successfully on or before 365 days from date of the audit.
(In case surveillance audit is not allowed to be conducted; this certificate shall be suspended / withdrawn).

The Validity of this certificate can be verified at www.qrocert.org

This certificate of registration remains the property of QRO Certification LLP, and shall be returned immediately upon request.

India Office : QRO Certification LLP
142, 11th Floor, Avtar Enclave, Near Paschim Vihar West Metro Station, Delhi-110063, (INDIA)

Website : www.qrocert.org, E-mail : info@qrocert.org

ISO 9001:2015 - Iridium Chemicals

Iridium Chemical

Head Office: 801 Shweta Apartments, 117/H-1/499, Pandu Nagar, Kanpur - 208 005, India
+91-9415133506, +91-9984361590, +91-9839809030
Website : www.sunlightconschem.com • Email: iridiumchem@gmail.com

Sunplast PCE/PQ is a high performance (high strength and durability) super plasticizer for concrete based on a polycarboxylate ether polymer. It comprises of particles in the size range of 0.25 to 0.35 micrometers (um) and is synthesized through nano-scale polymerization. It is a high range super plasticizer (water reduction up to 40% in control concrete) with superior cement dispersion ability to provide extremely high slump values, even to concrete mixtures made with water-to-cement ratio of less than 0.30.

It is highly dosage efficient a much smaller dosage as compared to conventional super plasticizers is sufficient. Imparts high flow ability to the mixture so as to fill the formwork under its own weight (self compacting ability) without any voids or segregation of aggregates. This self compacting concrete (SCC) maintains fluidity for longer periods (about 4 hours at 35 C because of the presence of SLCA). SLCA prevents slump losses by "parachute effect of slow adsorption on Ettringite crystals formed at the beginning of cement hydration.

Sunplast PCE / PQ is especially recommended for Ready Mix Concrete production because of its very high slump retention characteristic imparted by SLCA. For long distance transportation in a tropical climate or when traffic delays are expected in the transportation of concrete from plant to site, a concrete plasticized by SUNPLAST PCE/PQ can retain smooth pump ability with minimal set retardation. Ready mixed concretes of moderate to very high strengths can be produced using this super plasticizer.

Sunplast PCE/PQ imparts high self-compaction or self-leveling, reduces shrinkage and creep, increases flexural strength, reduces carbonation, improves adhesion to re-enforcing and pre-stressing steel and develops early strength. It helps in producing a cohesive smooth and fair faced concrete.

SPECIFICATIONS

PROPERTIES	PC/PQ 2550	PC/PQ 4050	PC/PQ 5050
Appearance	Amber Colour Liquid	Amber Colour Liquid	Amber Colour Liquid
Base	Polycarboxylate Ethers	Polycarboxylate Ethers	Polycarboxylate Ethers
Standard	IS 9103:1999	IS 9103:1999	IS 9103:1999
Sp Gravity	1.06 ±2	1.08 ± 0.02	1.085 ± 0.02
ph	min. 6	min. 6	min. 6
Chloride Content	Nil (BS: 5075)	Nil (BS: 5075)	Nil (BS: 5075)
Dry Content	(18±1)%	(27 ± 1)%	30±1
Dosage	0.4 to 1.2%	0.3 to 1.0%	0.3 to 1.0%
Packing	225 kg HDPE Drum or Bulk in Tanker loads.		

USAGE:

Sunplast PCE / PQ can be used with all types of OPC, composite cement (PSC and PPC), Silica Fume, Meta kaolin, Rice Husk Ash (RHA), Pulverized Fuel Ash (PFA) and Ground Granulated Blast Furnace Slag (GGBFS).

STANDARD:

Conforms to ASTM C 494 Type B, Type D and Type G and complies with IS: 9103-1999.

STORAGE:

To be stored away from heat and frost.

SHELF LIFE:

Best before 12 months from the date of manufacturer.

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APPROVALS

APPROVAL LIST

Sr. No.	Approval Agency	Contractor	Project
1	Gujarat Metro Rail Corporation (GMRC) Ltd.	General Approval	All GMRC Projects
2	City and Industrial Development Corporation of Maharashtra Ltd.	General Approval	All CIDCO Projects
3	Versova Bandra Sea Link Ltd.	M/s Webuild APCO JV	Construction of Versova Bandra Sea Link
4	Bloom Companies LLC	M/s RAMKY infrastructure Ltd.	NH-200 (New NH-49) Masania Kala Village to Rengapali village Odisha Border
5	GAWAR Construction Ltd.	M/s AARVEE Associates Architects Eng. & Consultants Pvt. Ltd.	Widening and Reconstruction of Madhya Pradesh Major District Roads Upgradation Project (MP-MDR-47-07) Package-11
6	Highway Engineering Consultant	M/s KCC Buildcon Pvt. Ltd.	Widening and Reconstruction of Madhya Pradesh Major District Roads Upgradation Project (MPMDRUP) Package-11
7	Highway Engineering Consultant	M/s KCC Building Pvt. Ltd.	Widening and Reconstruction of Madhya Pradesh Major District Roads Upgradation Project (MPMDRUP) Package-11
8	AICONS Engineering Pvt. Ltd.	TRG Industries Pvt. Ltd.	PORSA -ATER -BHIND Road
9	S.A. Infrastructure Consultant pvt. Ltd.	BSCPL GVPR (JV)	Nagpur-Mumbai Super Communication Expressway
10	Theme Engineering Services Pvt. Ltd.	M/s RCC Developers Ltd.	Allahabad - Mirzapur Section
11	Theme Engineering Services Pvt. Ltd.	Sadbhav Engineering Ltd.	NH-24 Extension 4 lane by pass Lucknow
12	Lion Engineering Consultants	M/s Dinesh Chandra R. Agrawal Infracon Pvt. Ltd.	UP Gradation of NH-200 (New NH-49) Dharighat to Vill. Banari Section Package-1

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APPROVAL LIST

Sr. No.	Approval Agency	Contractor	Project
13	Lion Engineering Consultants	M/s Dinesh Chandra R. Agrawal Infracon Pvt. Ltd.	UP gradation of NH-200 (New NH-49) Dharighat to Vill. Banari Section Package-1
14	Harcourt Butler Technological Institute	Unit Incharge Government Medical College - Tirwa	Government Medical College -Tirwa Residential Unit, Tirwa Road
15	Jacobs CES Consulting Engineering Services India Pvt. Ltd.	M/s Bhopal Sanchi Highways Pvt. Ltd.	Bhopal — Sanchi Section Of Nh -86 (extn)
16	Motilal Nehru National Institue Of Technology	M/s Powergrid Corporation Of India	Extension of 400/200 Kv Sub- Station Sarangapur Rewa Road
17	Motilal Nehru National Institue Of Technology	M/s L&T Construction Ecc Division	Extension of 400/200 Kv Sub- Station Sarangapur Rewa Road
18	Egis India Consulting Engineers Pvt. Ltd.	GVK Bagodara Vasad Expressway Pvt.ltd.	Bagodara —Wataman-Tarapur-Vasad Road Section Of SH-8
19	Intercontinental Consultants And Technocrats Pvt. Ltd.	SDTPL	Six Laning of Surat —Dahisar Section Of Nh-8
20	Visvesvaraya National Institute Of Technology	Gawar Construction Limited	Upgradation Of 2 Lane — 4 Lane From Niampatha To Bhanadra Section
21	Marc Technocrafts Private Limited	ATCON (JV)	Widening Of Sawai Madhopur To Sheopur
22	R.K Jain Infraprojects Pvt.ltd.	MSV International Inc	NDB- II Package -10 Urban Portion Of Old Nh-3 In Shivpuri Nagar
23	Egis Consultancy Services	GHV (India) Pvt. Ltd.	Upgradation of Hamirpur —Rath Section Of SH-42
24	Feedback Infra Private Limited	M/s Manisha Construction Co. & Raj (Jv)	National Highway Section Guhaghar Road To Chiplun Section Nh-166 E

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Sr. No.	Approval Agency	Contractor	Project
25	Dhruv Consultancy Services. Ltd.	Krishnanand Infra	Nanded —Kinwat-Mahur-Arni Road Section
26	MSV International Inc	M/s E5 Infrastructure Pvt. Ltd.	Hyderabad — Banglore Section NH-44 (Old NH-7)
27	Consulting Engineers Group Ltd.	M/s Eagle Nest	Amravati —ChiKli NH-6
28	SA Infrastructure Consultants Pvt Ltd	M/s Chakur-Loha-Nanded Highways Pvt. Ltd.	Chakur-Loha Section of NH-361
29	SA Infrastructure Consultants Pvt Ltd	M/s Gangamai-kalyan Acr Pvt. Ltd.	Ausa-Chakur Section of NH-361
30	Sai Systra Group	M/s Ray Prl (jv)	Rki Package III - Road -4 Upgradation of Thrissur-Kuttipuram Road
31	Sai Systra Group	M/s Ray Prl (JV)	Rki Package III - Road -4 Upgradation Of Kumarakom-nedumbassery Road
32	Sa Infrastructure Consultants Pvt Ltd	M/s Gangamai-Kalyan ACR Pvt. Ltd.	Ausa-Chakur Section of NH-361
33	SA Infrastructure Consultants Pvt Ltd	PNC Bithur Kanpur Highways Private Limited	Package 5 From Mitrasen — Kanpur NH-91
34	Sai Systra Group	M/s Sreedhanya Construction Company	Rki Package III Upgradation Of Kakkadassery — Kaliyar Road
35	Sai Systra Group	M/s EKK Infrastructure Limited	RKI Package III Upgradation Of Vazhakkodu— Plazhy Road
36	Sai Systra Group	M/s Sreedhanya Construction Company	RKI Package III Upgradation of Muvattupuzha— Theni Road

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Sr. No.	Approval Agency	Contractor	Project
37	Dhruv Consultancy Services Limited	SDPL ATS JV	Upgradation Of Four Lane Savali Vihir — Ahmednagar By Pass
38	Lion Engineering Consultants Private Limited	M/s J.M. Mhatre Infra Pvt. Ltd.	Pkg -1 Section of NH 965 (Mohol-alandi Section)
39	Dhruv Consultancy Services Limited	Karmala Road Projects Pvt. Ltd.	Four Laning of Ahmednagar — Mirajgaon-Karmala Temburni Section of NH-561 A
40	OSSYSTEM STUP	M/s J Kumar Infraprojects Ltd.	Dwarka Express Way Package -2
41	Dhruv Consultancy Services Limited	SDPL ATS JV	Pune — Auranga Bad Road Along NH-222
42	Dhruv Consultancy Services Limited	AGRPLL	Ahmednagar — Mirajgaon Karmala Tembhurni Section Of NH-561A
43	Sai Systra Group	M/s Marymatha Infrastructure Private Limited	RKI Package III Upgradation of Aarakunnam-Amballor Road
44	Intercontinental Consultants and Technocrats Pvt. Ltd.	Gawar Construction Limited	Upgradation 2 — Lane Allahganj — Mairanpur Katra
45	Sheladiah Associates Inc.	M/s Gayatri - PTPS (JV)	Upgradation of 4 Lane Angul — Sambalpur Section of NH-42 (New NH-55)
46	Ln Malviya Infra Projects Pvt Ltd.	Kodungallur Highways Pvt. Ltd.	Six Laning From Thalikulam To Kodungallur of NH-66 (Old NH-17)
47	Ln Malviya Infra Projects Pvt Ltd.	M/s Rkc Infrabuild Pvt. Ltd.	Eight Lane Access Controlled Expressway (Ganjad To Talasari — package 11, Phase -2
48	LN Malviya Infra Projects Pvt Ltd.	Kappirikkad Highways Private Limited	Six Laning From Kappirikkad To Thalikulam Of NH-66 (Old NH-17)

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APPROVAL LIST

Sr. No.	Approval Agency	Contractor	Project
49	Aakar Abhinav Consultants Pvt Ltd.	J Kumar Infraprojects Ltd	Elevated Road Between Mulund —Airoli Creek Bridge (Airoli End) and Thane Belapur Road
50	OSSYSTEM STUP	M/s J. Kumar Infraprojects Ltd.	Dwarka Expressway Package -2
51	Mumbai Metropolitan Region Development Authority	M/s J. Kumar Infraprojects Pvt Ltd.	Elevated Road Between Mulund —Airoli Creek Bridge (Airoli End) and Thane Belapur Road
52	Ln Malviya Infra Projects Pvt Ltd.	M/s Jandu Construction India Pvt Ltd	2 Lane With Paved Shoulder of Hamirpur Bypass of NH-03 &103 In The State of Himachal Pradesh Under NH(0) on Hybrid Annuity Mode
53	Tpf Engineering Pvt Ltd	Kolhapur Ratnagiri Highway Pvt. Ltd.	Four Laning Of Ratnagiri-kolhapur section Of Nh 166 For (A) Package From km 0.000 To Km 19.769 And Km 31.000 To Km 67.140 (B) Package —II From Km 67.140 To Km 112.340 And (C) Package —III From Km 112.340 To Km 145.300 In The State Of Maharashtra To Be Executed On Hybridannuity Mode Under NH(o).
54	M/s Lea Associates Southasia Pvt Ltd	M/s J.kumar Infra Projects ltd & Azvirt Ltd	Construction of New Double Tier 4-lane elevated Corridor From Chennai Port Tomaduravoyal In Chennai District From km -0+342 To Km 20+593 Under Bharatmala Pariyojna In The State Of Tamilnadu Package —i To Package Iv
55	G-Eng Advisory Services	M/s Rcl-prlpil Jv	Development Of G Lane Kanpur Ring Roadgreen Field Un Epc Basis In The State Of Uttar Pradesh “package- I From Sachendi— Mahajapur” (length = 23.325 Km) Designch 0.000 To 23.325 Around Kanpur Dist. In the State Of U.p Under NHDP Phase VII
56	Mare Technocrats Pvt Ltd in JV With Bloomcompanies LLC	Chorma - Bairgania highways Pvt Ltd	Inpendent Engineering Services For The work Of Rehabilitation And Upgradation Of Chorma- Bairgania Section Of Nh-227 from Design Change Km. 0+000 To Km 34.566 To Two Under Lanes With Paved shoulders In The State Of Bihar Under Bharatmala Pariyojna Phase -1 On Hammode
57	Lion Engineering consultants Pvt Ltd	M/s Rrsm Infra Private limited And M/s Anil Das (jv)	Construction Of Six Lane Elevatedcorridor From Km 508.00 To 513.150 including Approaches On Nh-66 in The state Of Goa On Epc Mode.
58	Sterling Indo Tech Consultants	Apex Tarmag Pw Ltd - Varun Procon Pw Ltd	Six Lanning Of Shamlaji - Himnatnagar From Km 401+200 To Km 494+210 Length 93.210 Km Sec. of Nh-48 In The State Of Gujarat

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L/No.: GMRCL/P&D/PH2/2024/

Date: 20-01-2024

To Whomsoever it may concern

Subject: Approval of Admixture and Sunsilica (Micro silica) the products of **M/s Sunlight Conschem Corporation** as a “Developmental Source of Supply” in Gujarat Metro Rail Projects

GMRCL has approved following products of **M/s Sunlight Conschem Corporation** as “Developmental Source of Supply” (i.e. initially only a limited amount of work will be given to observe the quality and quantity compliance at site) in Gujarat Metro Rail Projects, provided the quality of the products meet the specifications as stipulated in the Contract.

- I. Admixture
- II. Sunsilica (Micro silica)

The approval is subject to the following conditions:

1. GMRC reserves all the rights to test the proposed product at any independent reputed laboratory/Govt. laboratory/any institution for validation or seek the opinion of an expert/specialist and the cost of such tests/consultation shall be borne by the applicant.
2. Satisfactory performance tests to be conducted as site/approved laboratory initially & from time to as per standard practice / codes and also as directed by the Engineer in-charge.
3. Necessary field test & laboratory test at specified duration shall be conducted strictly as per relevant specification, code & standards and acceptability of material shall be assessed accordingly.
4. Compliance of relevant specification, code & standards shall be maintained during entire period, supply of material.
5. This approval shall stand withdrawn in case of any credible negative feedback about the performance/compliance of the products/services to the specifications and quality requirement from organization where the products/services have been used.
6. GMRC reserves the right to remove or suspend the approval without assigning any reasons at any time.

However, it will not be binding on GMRCL or their Contractors in any way for the usage of the above products in GMRCL projects.

For Gujarat Metro Rail Corporation

DLR
20-1-24
(Ashutosh Rankawat)
CGM – Civil/P&D

Copy to: DP/GMRCL for kind information please.

CITY AND INDUSTRIAL DEVELOPMENT CORPORATION OF MAHARASHTRA LIMITED

(CIN - U99999 MH 1970 SGC - 014574)

REGD. OFFICE:

"NIRMAL", 2nd Floor, Nariman Point,
Mumbai - 400 021.
PHONE : 00-91-22-6650 0900
FAX : 00-91-22-2202 2509

HEAD OFFICE:

CIDCO Bhavan, CBD Belapur,
Navi Mumbai - 400 614.
PHONE: 00-91-22-6791 8100
FAX : 00-91-22-6791 8166

Ref. No. CIDCO / EE (PA & R) / P-2179/2023/458

Date : 27.09.2023

To,
M/s Sunlight Conschem Corporation.
8th Floor-801, Shweta Apartment,
117/H-1/499, Pandu Nagar,
Kanpur, Kanpur Nagar,
Uttar Pradesh-208005, India.
Contact Person- Mr. Pratik Gupta
Mobile. 9415133506
Email: sunlightconschem@gmail.com

Sub: Registration as an Approved Vendor.

Ref: Your application vide file no P-2179-2023.

Dear Sir,

With reference to your request /application on subject matter, we are pleased to inform you that, your registration as an approved vendor for our projects / works for the following products is approved herewith for a period of **Two (02) years.**

Sr. No.	Material Description	Material Name / Brand / Size/ Range
1	Concrete Admixture As per IS:9103	Brand Name- "Sunlight Conschem Corporation" Sunplast PC 3050 Sunplast PC 4050 Sunplast PC 5050 Sunplast PQ 4050
2	Curing Compound ASTM C309	Suncure
3	Micro Silica As Per IS 15388:2013	Sunsilica


Executive Engineer (PA & REG.)
CIDCO Ltd.

Page 1 of 2

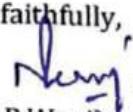
In case of any corruption related complaints please visit :
www.cidco.maharashtra.gov.in Click on Dakshata link
Navi Mumbai - 400 614.

Kindly note that,

- a) The validity of this enlistment is valid for **Two (02) Years** from **27.09.2023 to 26.09.2025**. However, the Corporation reserves the right to cancel the same in case complaints are received from users within that period.
- b) The product shall be in conformity with requirements of BIS/ISO Standards. You shall keep your BIS/ISO registration valid and any changes in the same shall be intimated to this office.
- c) The approval has been granted on the basis of documents/information furnished by you. The approval would be cancelled if any details are found in variance to the details already furnished during the inspection of manufacturing unit. CIDCO Ltd. reserves the right to visit the manufacturing unit at any time.
- d) The registration shall not bind CIDCO Ltd. to give you any priority or preference in the issue of enquiry and placement of purchase orders and does not guarantee that all or any of the enquiries for the above items would necessarily be sent to you.
- e) You are also required to intimate us the changes, if any, in the postal address, the contact Phone Number, Fax Nos. in the constitutions or working of your firm during the currency of registration of your firm with us.
- f) You are required to apply 60 days in advance for revalidation before expiry of current validity of enlistment along with all documents and information as required.
- g) During the period of enlistment, if, your company improves your product value by acquiring additional quality accreditation and/or achieves better financial performance then such changes shall be invariably informed to the Corporation.
- h) If a contractor working for CIDCO Ltd. works place purchase order for the material, the same will have to be supplied on priority, adhering time schedule required by CIDCO, failing which CIDCO Ltd. may cancel the registration of product which may please be noted.

Thanking you,

Yours faithfully,

 27/9/23
(N.P.Wani)

Executive Engineer (PA & R)

CIDCO Ltd, 3rd Floor,

CIDCO Bhavan, CBD Belapur,

Navi Mumbai-400 614.

Email ID: ee.pa-reg@cidcoindia.com

Executive Engineer (PA & REG.)
CIDCO Ltd.

Third Floor, CIDCO Bhavan,

CBD-Belapur, Page 2 of 2

Navi Mumbai - 400 614.

Scanned with CamS

**Versova Bandra
Sea Link Limited**

(Special Purpose Vehicle)



No. VBSL-2024/02/EE-SN/C. R. No.: 158-III/ENGG/1909

Date: 19 MAR 2024

To,

M/s Loius Berger SAS
DoT Land Office, CTS No. 163B,
Next to Balkanji Bari,
Opp. Taraben School, Juhu Tara Road,
Santacruz (W), Mumbai - 400 054

M/s WEBUILD APCO JV
CTS No.163B,
Sakharan Buwa Patil Road,
Adjacent to Muktananda Park,
Santacruz (West), Mumbai - 400 054

Sub.: Construction of VERSOVA BANDRA SEA LINK on EPC Contract Basis
- **Vendor Credentials of M/s SUNLIGHT CONSCHEM CORPORATION. reg...**

Ref.: M/s SUNLIGHT CONSCHEM CORPORATION Letter No. Nil; dtd 18/03/2024

Sir,

With reference to above subject and above referred e-mail, this office is in receipt of proposal from M/s. SUNLIGHT CONSCHEM CORPORATION. regarding the Product approval of "Sun Silica (Micro Silica) & Sunplast PC (Concrete Admixture).

The copy of the same along with their credentials is enclosed herewith for further necessary action under intimation to this office.

Encl.: As above


(Sachin Niphade)
**Nodal Officer VBSL
& Executive Engineer
M.S.R.D.C, Mumbai**

Copy submitted for information to: -

- 1) **General Manager VBSL & Chief Engineer, M.S.R.D.C., RGSL Project Office, Bandra (W). Mumbai - 400 050**
- 2) **Project Manager VBSL & Executive Engineer, M.S.R.D.C., RCSL Project Office, Bandra (W). Mumbai - 400 050**

Page 1 of 1

Ref: RGH/TL/NH-49/2019/ 365

Dated: 12/02/2019

To

Authorised Signatory,
 M/s Ramky Infrastructure Ltd,
 Ramky Grandiose, 15th Floor,
 Sy No 136/2, 4, Gachhi Bowli,
 Hyderabad,

Project:- Rehabilitation and up-gradation of NH-200 (New NH-49) from Km 241.553 to Km 312.600 (Masania Kala village to Rengapali village/Odisha Border) to two lanes with paved shoulder in the State of Chhattisgarh under NHDP-IV on EPC basis.

Sub: Regarding Use of Admixture Sunlight Corporation make in Project Road.

Ref: Your Letter: -NH49/NH/524 dated 24/01/2019

Dear Sir

With reference to letter cited above, your submission of details for admixture has been reviewed and our observation is as follows-

S.No.	Name of Manufacturer	Brand Name	Flexural and compressive Strength of concrete with Admixture
1	SUNLIGHT CORPORATION	PQ2550M	Satisfactory

Specific Gravity at 30° C- 1.05

pH- 6.5

Dry Content- 21.00%

Chloride Content- Nil

Ash Content- 2.20%

As per documents submitted in favor of SUNLIGHT CORPORATION Chemicals (India) Pvt. Limited, the said admixture is provisionally approved for the use in concrete works, subject to the following conditions:

1. Every consignment brought to site should be supported with the MTC.
2. Before use all tests related to concrete admixture shall be conducted at approved independent laboratory (Third Party Laboratory) and results should be compared with the data given by the Manufacturer as mentioned in Table-2 of IS-9103.
3. Admixture shall confirm to the specifications laid down in IS 9103.

This is for your information and necessary action please.

For Bloom Companies LLC, USA



For Team Leader

Copy to:

1. The Chief Engineer, NH Zone, P.W.D, Raipur (C.G.).
2. The Regional Officer, MoRTH, Pensionbada, Raipur (C.G.).
3. The Executive Engineer, NH Zone, P.W.D, Bilaspur (C.G.).
4. The Vice President, Bloom Companies LLC, Gurgaon (H.R)



GAWAR
CONSTRUCTION LIMITED

An ISO 9001:2008 Certified Company
CIN: U78109HR2006PLC037773

GAWAR CONSTRUCTION LIMITED

Anuppur Site Office
Unit No. 63 Lotus
Swami Vivekanand Smart City
Near Under Bridge
Anuppur- 484224 (M.P.)
E-mail gawar.mp@gmail.com

Ref No.: GCL/APR/68

Date: - 26.02.2018

To
The Resident Engineer-II,
M/s Aarvee Associates Architects Eng. & Consultants Pvt Ltd.,
Flat No. 57, Ward no-12, Chachai Bypass road
Swami Vivekanand smart city
Near under bridge Anuppur (M.P.)-484224

Name of Work: - Widening and Reconstruction of Madhya Pradesh Major District Roads Upgradation Project (MP-MDR-47-07), Anooppur Darri Kherwa Road (MP-MDR-47-03), & Nonghati Damodi Devri Leelatola Road (MP-MDR-47-09) Agreement No: - 342/2017.

Sub: - Approval of Admixture

Dear Sir,

With reference to above we would like to inform you that for Admixture we have finalized the agency as details given

M/S SUNLIGHT Corporation Shed no C-1-2605/1 Phase-III G.I.D.C. Vapi-396195

Admixture Product 1- Sunplast PC 3550
2-Sunplast PC-2550
3- Sunplast Super QC 5100

Here with we are enclosing the test certificate and company profile for your approval..

Thanking you,
For: Gawar Construction Ltd.,
(Authorized Signatory)

Enclosed- As above

CC To :- For Information

- 1) Project manager (EE), PWD, Anuppur (E-Mail)
- 2) Vice president (Aarvee Associates) Hyderabad (E-Mail)
- 3) Team Leader (Aarvee Associates), Jabalpur (E-Mail)





GAWAR
CONSTRUCTION LIMITED

An ISO 9001:2008 Certified Company
CIN: U70109HR2006PLC037773

GAWAR CONSTRUCTION LIMITED

Anuppur Site Office
Unit No. 63 Lotus
Swami Vivekanand Smart City
Near Under Bridge
Anuppur- 484224 (M.P.)
E-mail : gawar.mp@gmail.com

Ref No.: GCL/APR/68

Date: - 26.02.2018

To
The Resident Engineer-II,
M/s Aarvee Associates Architects Eng. & Consultants Pvt Ltd.,
Flat No. 57, , Ward no-12, Chachai Bypass road
Swami vivekanand smart city
, Near under bridge Anuppur (M.P.)-484224

Name of Work: - Widening and Reconstruction of Madhya Pradesh Major District Roads Upgradation Project (MP-MDR-47-07), Anooppur Darri Kherwa Road (MP-MDR-47-03), & Nonghati Damedi Devri Leelatola Road (MP-MDR-47-09) Agreement No: - 342/2017.

Sub: - Approval of Admixture

Dear Sir,

With reference to above we would like to inform you that for Admixture we have finalized the agency as details given

M/S SUNLIGHT Corporation Shed no C-1-2605/1 Phase-III G.I.D.C. Vapi-396195

Admixture Product 1- Sunplast PQ 5050
2-Sunplast PQ 4050
3- Sunplast Super PC 4050

Here with we are enclosing the test certificate and company profile for your approval..

Thanking you,

For -Gawar Construction Ltd.,

(Authorized Signatory)

Enclosed- As above

CC To :- For Information

- 1) Project manager (EE), PWD, Anuppur (E-Mail)
- 2) Vice president (Aarvee Associates) Hyderabad (E-Mail)
- 3) Team Leader (Aarvee Associates), Jabalpur (E-Mail)

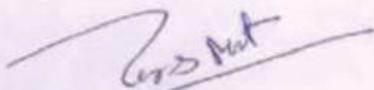
Regd. Office: DSS-378, Sector-16-17, Hisar-125005 (Haryana)
Ph.: (01662) 246117, 250361, Fax: (01662) 248885

3. Change of source for procurement of water reducing admixture is required fresh source approval from the Supervision Consultant.
4. All consignments shall be subject to independent testing at approved laboratories.

This is for your information and necessary action please.

Thanking you,

Yours sincerely,
For Highway Engineering Consultants



Darshan Mathur
Team Leader

Copy To:

- 1) The Chief Engineer (NDB), MPRDC, Bhopal
- 2) Divisional Manager, MPRDC, Sagar Division
- 3) Resident Engineer, Package – 11, Sagar



Civil Consultancy Services

HIGHWAY ENGINEERING CONSULTANT

Approved 27.04.18

PROJECT OFFICE :

148, Riviera Town, Phase-1, Lane No.14, Bhopal. (M.P)

E-mail : ndbhopal@gmail.com

Ref. No.: HEC/NDB/KCC/BPL/TL/2018/578

Date: 27.04.2018

To,

M/s KCC Buildcon Private Limited

501, 5th floor, block - C, Nirvana Courtyard,
Nirvana Country, Sec-50, Gurgaon-122018

Sub.: Widening and Reconstruction of Madhya Pradesh Major District Roads Up-Gradation Project (MPMDRUP) PACKAGE-11, Agreement dated 24/05/2017 : Deori-Sahajpur Road (MP-MDR-31-09), Pali-Peerghat-Khimlasa-Kanjiya Road (MP-MDR-31-25) & Bhapej-Jalsinagar Road (MP-MDR-31-28) - Approval of Design Mix of Pavement Quality Concrete (PQC) M-40 with M.P. Birla Concrecem OPC 43 grade cement with Natural sand (Narmada River Sand) and aggregate from Malasunethi stone quarry ch. 05+700 (LHS) for Pali-Peerghat-Khimlasa-Kanjiya Road.

Ref: 1) The Contractor Letter No. KCC/MPRDC/RE/PKG-11/17-18/202 dated 20.04.2018
2) The Resident Engineer Letter No. RE/HEC/P-11/TL/Sagar/2018/128 dated 23.04.2018.

Dear Sir,

This is in reference to your above letter regarding approval of Mix Design for Pavement Quality Concrete (PQC) M-40 with Coarse aggregate Crusher Plant village Malasunethi Stone Quarry ch. 05+700 (LHS) and Fine aggregate (Sand) from Narmada river carried out in field (site) laboratory of the Contractor and the required samples were collected jointly with Supervision Consultant and Contractor team.

Test results of constituent for PQC (M-40) concrete materials:

The results of the laboratory test carried out on the constituent materials are as under.

S. no	Type Of Test	Results Obtained	Specification Required
1.	Aggregate Impact Value (AIV)	16.73 %	30 % Max
2.	Specific Gravity	2.65	-
3.	Specific Gravity Narmada river sand	2.61	-
4.	Specific gravity of Fly Ash from Lalitpur Power Generation Company Ltd. Lalitpur	2.08	-
5.	Water absorption - Aggregate	0.75	2% Max
6.	Target Mean Strength of Pavement Quality Concrete (PQC) M-40 after 28 days	55.56 N/mm ²	48.25 N/mm ² as per IRC:44 and 52 N/mm ² as per MoRT&H Table no. 1700-8.
8.	Flexural Strength of Pavement Quality Concrete (PQC) M-40 after 28 days	5.66 N/mm ²	Minimum 5.16 N/mm ²
9.	Proportion of all in Aggregate (26.5 mm + 10 mm)	60+40 %	-
10.	Initial Slump	76 mm	-
11.	After 30 minutes Slump	65 mm	-
12.	After 60 minutes Slump	50 mm	-

Combine Gradation of Fine and Coarse Aggregates is as per specified Gradation MoRT&H Table no. 600-3.

JM- 89/3C, Behind Panchwati Market Saket Nagar Bhopal (M.P.) 462024

Tel./Fax- 0755- 4236317, Mob: 09826452711, 09617777529

E-mail : hec_bhopal@rediffmail.com website- www.iniet.org

Mix Design of Pavement Quality Concrete (PQC) M-40:

Mix Proportion of Pavement Quality Concrete (PQC) M-40 for 1 cum

Sr. no.	Material	Unit	Weight per Cum	Quantity required
1.	Cement (OPC 43 grade Ultratech cement)	Kg	340	In case of Fly ash is blended at site as part replacement of cement the quantity of Fly ash shall be up to 20% by weight of cementitious material and the quantity of OPC in such a blend shall not be less than 310 kg/cum
2.	Fly Ash from Lalitpur Power Generation Company Ltd. Lalitpur	Kg	70	-
3.	26.5 mm Aggregate (Malasunethi stone quarry)	Kg	737	-
4.	10 mm Aggregate (Malasunethi stone quarry)	Kg	489	-
5.	Natural Sand (Narmada River sand)	Kg	689.61	-
6.	Water	Kg	173	-
7.	Water Cement Ratio	Ratio	0.37	-
8.	Admixture (Sun Plast 4050 L)	Kg	2.87	-

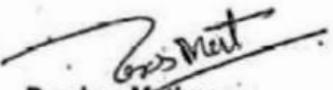
The trial length shall be constructed as per MoRT&H specification.

In view of the above, the proposed mix design for Pavement Quality Concrete (PQC) M-40 with Ultratech OPC 43 grade cement and natural Narmada river sand with Fly Ash (Lalitpur Power Generation Company Ltd. Lalitpur) with aggregate from Malasunethi stone quarry ch. 5+700 (LHS) for Pali-Peerghat-Khimlasa-Kanjiya Road is hereby approved.

The Contractor is also required to mix fibre as per the suggested dosage in MoRT&H.

Further please note that in future if any source of material get changed like Fly Ash, Aggregate, Sand, Cement and Admixture the revised mix design shall be carried out and proposal may be submitted for our review and approval.

Thanking you,
Yours sincerely,
For Highway Engineering Consultants


Darshan Mathur
Team Leader

Copy To:

- 1) The CE (NDB), MPRDC, Bhopal
- 2) The CE, PWD, Sagar
- 3) EE, PWD, Sagar
- 4) R.E., Package - 11



Civil Consultancy Services

HIGHWAY ENGINEERING CONSULTANT

PROJECT OFFICE :

148, Riviera Town, Phase-1, lane No.14, Bhopal. (M.P)

E-mail : ndbhopal@gmail.com

Ref. No.: HEC/NDB/KCC/BPL/TL/2018/774

Date: 11.07.2018

To,
M/s KCC Buildcon Private Limited
501, 5th floor, block – C, Nirvana Courtyard,
Nirvana Country, Sec-50, Gurgaon-122018

Sub.: Widening and Reconstruction of Madhya Pradesh Major District Roads Up-Gradation Project (MPMDRUP) PACKAGE-11, Agreement dated 24/05/2017 : Deori-Sahajpur Road (MP-MDR-31-09), Pali-Peerghat-Khimlasa-Kanjiya Road (MP-MDR-31-25) & Bhopal-Jaisinagar Road (MP-MDR-31-28) – Regarding Source approval of Water Reducing Admixture manufactured by
(1) Molecule Conchem Pvt. Ltd., Bhind Maida Mill, Old Hansi Roadjnd (HR),
(2) Sunlight Corporation, Shed no. C-1-2605/1 Phase-III GIDC Vapi Gujarat and
(3) Bestech Biotech Pvt. Ltd. Mirzapur More, Tigaon Road, Ballabgarh, Faridabad (HR),
for Bhopal-Jaisinagar Road.

Ref : (1) Contractor letter no. KCC/MPRDC/RE/PKG-11/17-18/227 dated 09.06.2018
(2) Contractor letter no. KCC/MPRDC/RE/PKG-11/17-18/240 dated 12.06.2018
(3) Resident Engineer letter no. RE/HEC/P-11/TL/Sagar/2018/167 dated 07.07.2018

Dear Sir,

With reference to above cited subject, the Contractor has submitted the profile for water reducing admixture, manufactured by (1) Molecule Conchem Pvt. Ltd., Bhind Maida Mill, Old Hansi Roadjnd (HR), (2) Sunlight Corporation, Shed no. C-1-2605/1 Phase-III GIDC Vapi Gujarat and (3) Bestech Biotech Pvt. Ltd. Mirzapur More, Tigaon Road, Ballabgarh, Faridabad (HR) .

In view of above, Supervision Consultant has reviewed company's credentials which is a certified ISO-9001. 2008 company and manufacturer of water reducing admixture. The products are conforming to MoRT&H standards specifications and presently being used on various NHAI and state highways projects.

Hence, considering the above, the source from (1) Molecule Conchem Pvt. Ltd., Bhind Maida Mill, Old Hansi Roadjnd (HR), (2) Sunlight Corporation, Shed no. C-1-2605/1 Phase-III GIDC Vapi Gujarat and (3) Bestech Biotech Pvt. Ltd. Mirzapur More, Tigaon Road, Ballabgarh, Faridabad (HR) is approved.

In addition to the above, the Contractor has to ensure the following requirement as per provision of specification time to time, which is as under:

1. Every lot shall be inspected jointly with Supervision Consultant before using in the permanent works and testing in accordance with frequencies set out in the Specification shall be undertaken on each batch delivered to the site.
2. The Contractor has to furnish the manufacture test result of recently manufactured material from the proposed source as per MoRT&H specification.



ARTEFACT PROJECTS LTD.
in association with
AICONNS ENGINEERING PVT. LTD.



A-06, Janki Residency, Near Mandakini Square, Kolar Road, Bhopal (M.P.) - 462042.
Site Office: H-34, New Housing Board Colony, Morena (MP)-476001

Ref: No.: 252 /MPPWD-NH/AE-Pkg-VII/TL/2018-19, Dated -05.08.2019

To,

✓ TRG Industries Pvt. Ltd.
Head Office: E-461, Greater Kailash-II
New Delhi-110048

Sub:- "Rehabilitation and Up-gradation of two lane flexible pavement to 2 lanes with paved shoulders Flexible Pavement on Porsa-Ater- Bhind road from Km 295+200 to km 343+800 length of 46.90 km (excluding Realignment section from km 326+650 to Km 328+350) and Conventional White topping (in Porsa and Bhind City around which bypass has been proposed in length of 8.35 km from existing km 285/75 to 290/05 & 340/20 to 344/25) on Porsa to Bhind# section of newly declared NH-552 Ext.in state of Madhya Pradesh on EPC Mode" (Agmt.- 20/CE/NH/2018-19)

Regarding: Approval of Concrete Admixture Sunplast PC 4050.

Ref:- Your Letter No. TRG/Porsa-Ater-Bhind/2019-20/TL-59, Dated 26.07.2019.

Dear Sir,

In the view of subject cited above & pursuant to your letter no. - TRG/Porsa-Ater-Bhind/2019-20/TL-59, Dated 26.07.2019, seeking our approval of Concrete Admixture Sunplast PC 4050 and having reviewed the company profile, previous approvals & test result documents you submitted herewith found in order.

In the view of above we hereby accord our approval of Concrete Admixture Sunplast PC 4050 for concrete work from Sunlight Corporation Phase -III GIDC Vapi, Gujarat. Porsa- Bhind section of NH-552 Ext. subject to said material received at site is passed in QC tests. & supplied by primary producer.



ARTEFACT PROJECTS LTD.
in association with
AICON'S ENGINEERING PVT. LTD.

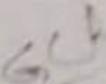


AICON'S
Engineering PVT. LTD.
Consulting Civil & Structural

A-06, Janki Residency, Near Mundakini Square, Kolar Road, Bhopal (M.P.) - 462042.
Site Office: H-34, New Housing Board Colony, Morena (MP) 476001

The supervisory officers shall ensure that the products manufactured/supplied by M/S Sunlight Corporation should confirm to the specification of the relevant IS codes.

Thanking you & assuring you best of our services.


(Team Leader)

For Artefact Projects Ltd. Asso. with
AICON'S ENGINEERING (P) LTD, Bhopal

Copy to:

1. Executive Engineer MP PWD NH Division , Gwalior.



SAICPL/CP-13/Sonari-Taranganpada/TU/2019/71

Date: 17.05.2019

To,

Mr. Vara Prasad
Chief Project Manager/ Project Manager
Site Office: BSCPL-GVPR (JV)
Package 13, Roy Bhawan, 1st Floor,
At Post Pandhurli, Tal. Sinnar,
Dist. Nashik 422502

Sub: Construction of Access Controlled Nagpur - Mumbai Super Communication Expressway (Maharashtra Samruddhi Mahamarg) in state of Maharashtra on EPC mode for package 13, from km.577+739 to km. 623+ 379 in section Village Sonari to Village Taranganpada in District Nashik Reg: Source Approval of Sunplast Admixture

Ref: Your Letter No. BSCPL-GVPR-JV/P13/MARCH/2019/18 dated 15.04.2019
received on 18.04.2019

Dear Sir,

With reference to the above cited letter, we have received the submitted profile and credential of M/s Sunlight Corporation for source Approval of SUNPLAST-PC-4050 Admixture found in order.

Hence you are permitted to procure the SUNPLAST-PC-4050 Admixture on the base of submitted test report with the following guidelines.

1. Each lot is to be manufacturer test certificate with delivery chalan.
2. Every consignment is to be tested in presence of our representative in the laboratory prior to use and must comply with MoRTH and IS Codes.

Yours Sincerely
For SA Infrastructure Consultants Pvt. Ltd.

(R.B.Jha)
Team Leader

Copy To: 1. Project Director/Superintending Engineer, NMSCEL, Nashik.
2. Executive Engineer, MSRDC. (Ltd.) Mumbai
3. SA Infrastructure Consultants Pvt. Ltd. Noida

TES

Theme Engineering Services Pvt. Ltd.
Barnarwal Niwas, Mahavir Marg, Sabri
Mirzapur Uttar Pradesh -231001
Email Id: mirzapurtheme@gmail.com

Ref. No. - TES/TL/ ALD-MRZ/2018/94

e-mail/Registered
Dated: 09.03.2019

To
The Project Manager
M/s Rec Developers Limited
Lal Bag colony
Mirzapur-231001
Uttar Pradesh
E-Mail Id: rccd109@gmail.com,

Project: - "Consultancy services for Authority's Engineer for Supervision of Rehabilitation and Up-gradation of Allahabad-Mirzapur Section from Km.450.000 to Km.486.775 of NH-76 E/35 to Two Lane with Paved Shoulders in the State of Uttar Pradesh . (the "Project") through an Engineering, Procurement and Construction (the "EPC")"

Subject: - Submission of Super plasticizers (SUNPLAST PQ 25-50) of
SUNLIGHT Corporation Pvt. Ltd.-Reg

Ref: Your letter no- RCC/ NH-76E/PWD/68 dated 28.02.2019

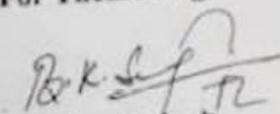
Dear Sir,

This has reference to your submission for approval of super plasticizer (SUNPLAST PQ 25-50) of Sunlight Corporation Pvt. Ltd. (Gujarat) The submitted credentials are found in order of the Product for the use in concrete works.

In this regard, you are requested to make an arrangement for joint visit in respect of source inspection and conducting physical and chemical requirements as per cl. 1012.3.2 of MoRTH specification and conformity as per IS 9103.

Please take effective action in this regard.

Thanking you
For Theme Engineering Services Pvt .Ltd



Braj Kumar Singh

Team Leader

Copy to :- 1-Executive Engineer, NH-Division-07, PWD, Opposite PAC Gate, Mirzapur -231001,
for information and necessary action.

2-Superintending Engineer, 18th (N.H) Circle, P.W.D., 26, Kasturba Gandhi Marg,
Allahabad-211001 for information.

Head Office: B-24, Gokul Vatika, Jawahar Circle, Jaipur-302018, Ph. No. +91-141-2724495-97 Fax. +91-141-2724491
E mail: theme@themeengineering.com Website: www.themeengineering.com

TES

T
E
S

Theme Engineering Services Pvt. Ltd.
3/64, Bld Floor, Vkrant Khaad,
Gomti Nagar, Lucknow (U.P) 226010
Email: lucknow@theme@gmail.com

Letter No:-TES/LRR/SEL- Pkg-2/2018-19/137

Date:- 08.03.2019

To,

The Authorized Signatory

Sadbhav Engineering Limited
Village& B.O Post Office -Kalkrabad
Near Mall Road Tehsil - Lucknow
Distt:-Lucknow Uttar Pradesh-226102

Sub: Consultancy Services for Authority's Engineer for Supervision of Construction of NH 24 Extension 4-lane bypass starting from Behta Road and terminating at Sitapur Road Chainage 479.500 (Bypass chainage from km32.000/31.490 to Km 64.900/64.380 average length 32.895 Km)-Package -2 in the State of Uttar Pradesh under NHDP Phase-VII ON EPC Mode:- Regarding Source Approval Of Chemical Admixture.

Ref:-Your Letter SEL/NHAI-LRR/2018-19/151 Dated -28/02/2019

Dear Sir,

Kindly refer letter under reference regarding the subject matter. The Source of Chemical Admixture for Use in the Project Highway is approved, good for construction, as Under:-

1. M/s Sunlite Corporation

You are sincerely,
For Theme Engineering Services Pvt. Ltd.

(Chob Singh)
Team Leader
Lucknow Ring Road

Copy to:- 1. Project Director, NHAI/PIU, Lucknow for kind information.
2. Sri DC Katara, President Cum Senior Consultant, TES, Jaipur



LION ENGINEERING CONSULTANTS

"Contributing in Building the Infrastructure of the Nation"

Letter No. - 426/LEC/MORTH/NH-200/Pack-I/ 2017-18
To,

Project Office:-

C/o Mr. P.K.Gour
Songanga Colony,
Inform PariKirana Store, Sipat Road,
Bilaspur, (C.G)
Email: leccgtheka@gmail.com
Tel. No. 07752-258858

Date:- 27/04/2018

Authorized Signatory,
M/S Dinesh Chandra R. Agrawal Infracom Pvt. Ltd.
Ahmadabad, (Gujarat)

Sub.:- "Rehabilitation and up-gradation of NH-200 (New NH-49) from Km 127.500 to Km 178.944 (Village Theka/Darrighat to village Banari Section Package-II) to 4-Lane/ 2-Lane with paved shoulder in the State of Chhattisgarh under NHDP-IV on EPC Basis contract"

Reg.:- **Approval of Mix Design Pavement Quality Concrete M-40 (PQC).**

Ref.:- Your submission vide letter No. DRA/AIPL/MORTH/NH-200/2018/QC/223, dated 27/02/2018 received to this office 25-04-2018.

Dear Sir,

The details of Pavement Quality Concrete (PQC) mix design of above mentioned grade carried out in presence of our authorized representative at your site laboratory have been submitted to our office vide above mentioned letter. All design, details and documents have been checked and found satisfactory.

Following mix design have been carried out using Birla Gold OPC-43 grade cement and ingredients are used in following tabulations, based on 28days achieved target mean strength and Flexural Strength this PQC mix design is approved.

Mix design M-40 (PQC):-

Cement	Fly Ash	Admixture	Coarse aggregate 26.5mm	Coarse aggregate 20mm	Coarse aggregate 10mm	Fine aggregate (Natural Sand)	Water
Birla Gold OPC-43 Grade, 340Kg/Cum	60 Kg/Cum	Sunplast Super PQ-2550, 3.20 Kg/Cum	660 Kg/Cum	205 Kg/Cum	410 Kg/Cum	725 Kg/Cum	128 Kg/Cum

Please take adequate measures to maintain the required slump of concrete for the lead to take concrete cubes and beams at the time of pouring concrete at site as per the frequency mentioned in clause 903.5.2.1 of MORT&H 5th revision.

Thanks & Regards
For Lion Engineering Consultants
(In Association with Synergy Engineers Group Pvt. Ltd.)

(Viraj Mishra)

Team Leader
NH-200, Package-I
Bilaspur (C.G.)

Copy forwarded for information please:-

- 1) Chief Engineer, N.H. Zone, PWD, Raipur (C.G.)
- 2) Regional Officer, MORTH, Government of India, N.H. Campus, Raipur (C.G.)
- 3) Superintending Engineer, PWD, N.H. Circle, Bilaspur
- 4) Executive Engineer, P.W.D., N.H. Division-cum-NHDP PIU, Bilaspur
- 5) Chief Executive Officer, Lion Engineering Consultants, Bhopal.
- 6) Office Copy.





LION ENGINEERING CONSULTANTS

"Engineering is the Art and Science of the Possible"

Project Office:-

C/o Mr. Sunil Gupta,
Songanga Colony,
Near PariKirana Store, Sipat Road,
Bilaspur, (C.G)
Email: leccgtheka@gmail.com

Letter No: - 162/LEC/MORTH/NH-200/Pack-1/ 2016-17

Date: 17/04/2017

To,

✓ Authorized Signatory,
M/S Dinesh Chandra R. Agrawal Infracon Pvt. Ltd.
Ahmedabad, (Gujarat)

Sub:-

"Rehabilitation and up-gradation of NH-200 (New NH-49) from Km 127.500 to Km 178.944 (Village Theka/Darrighat to village Banari Section Package-I) to 4-Lane/ 2-Lane with paved shoulder in the State of Chhattisgarh under NHDP-IV on EPC Basis contract".

Ref.:-

Review of Mix Design for M-45, PSC, M-40, RCC and M-35 RCC.

Ref.:-

Your Submission vide letter /DRA/AIPL/MoRTH/NH-200/97 2016-17, dated 10/04/2017.

Dear Sir,

The Submitted Mix Design for

1. M-45, PSC with Ambuja cement OPC-43-450kg, Admixture sunplast PC-3050-3.83kg and Mahanadi natural river sand.
2. M-40 RCC with Ambuja cement OPC-43, 430.0kg, Admixture, sunplast PC-3050-3.44kg, and Mahanadi natural river sand.
3. M-35 RCC with Ambuja cement OPC43-410kg Admixture sunplast super QC-5100-4.1kg and Mahanadi natural River sand are reviewed and found satisfactory with the standard and specifications for the about work.

Encl: - Mix Design M-35 RCC, M-40 RCC and M-45 PSC.

Thanks & Regards

For Lion Engineering Consultants

(In Association with Synergy Engineers Group Pvt. Ltd.)

(Vinod Mishra)
Team Leader
NH-200, Package-I
Bilaspur (C.G.)

Copy forwarded to:

1. The Chief Engineer (NHDP-IV), N.H. Zone, PWD, Raipur (C.G.)
2. The Regional Officer, MoRTH, Pension Bada, Raipur.
3. The Superintending Engineer, P.W.D. N.H. Circle, Bilaspur
4. The Executive Engineer, P.W.D. N.H. Division-cum- NHDP PIU, Bilaspur.
5. The C.E.O. M/s. Lion Engineering Consultants, Bhopal.

HARCOURT BUTLER TECHNOLOGICAL INSTITUTE
KANPUR – 208002

Department of Civil Engineering

Mix Design : **M - 25**

Name of Party: Unit Incharge, Government Medical College Residential Unit, Tirwa Road, Kannauj

Subject : Mix Designs of M - 20, M - 25 and M - 30 grades of Concrete

Reference : Letter no. 462 / 25 – F / Unit Inc. / RNN / Kannauj / 2013 dated 21.07.2014

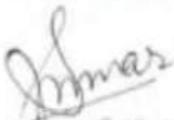
DESIGN CONSIDERATIONS:

The following design considerations are adopted for carrying out the design of concrete mix of grade M-25.

- a. Characteristic compressive strength required in the field at 28 days = 25 N/mm²
- b. Maximum size of aggregate = 20 mm
- c. Type of aggregate = Crushed angular
- d. Minimum cement content = 300 kg/m³
- e. Maximum cement content = 450 kg/m³
- f. Maximum water – cement ratio = 0.5
- g. Slump = In between 100 - 150 mm
- h. Degree of quality control = Good
- i. Cement used = PPC (Mycem)
- j. Admixture to be used in mix design = FOSROC SUN PLAST SUPER QC - 4100

MATERIAL PROPERTIES:

The materials were tested for their physical properties as per the relevant Indian standards. The properties of cement, sand and single sized coarse aggregates of sizes 20 mm and 10 mm are given below


4
Dr. Sunil Kumar

JACOBS' CES

Consulting Engineering Services India Private Limited
(CIN: U74899DL1969PTC005054)
Plot No. 184, Platinum Tower,
Udyog Vihar, Phase I,
Gurgaon 122016, (Haryana), India
Tel: +91.124.331 7000 Fax: +91.124.337 2999

47120550/Bhopal/2014/543

May 29, 2014

To,

Authorized Signatory,

M/s Bhopal-Sanchi Highways Pvt. Ltd.,
House No. 130, 3rd Row, Sheetal City,
Phase- 1, In front of Collectorate,
Ward No. - IV, Sanchi Road,
Gopalpur, Raisen (M.P.) – 464551

Subject: - Independent Engineer service for 2-lane with paved shoulder of Bhopal-Sanchi section of NH-86 (Extn.) from Km. 0.000 to 53.775 in the state of M.P. on BOT (Annuity) as DBFO Pattern basis under NHDP-Phase-III – **Supply of Admixture Sunplast Super QC-4100.**

Ref: Your letter no. BSHPL/CES/2014-15/482 dated 22 May 2014.

Dear Sir,

The Trial of mix design for M15, M20, M25, M30 and M35 grade of concrete for the stretch from km. 0+000 to 53+775 using Ultratech Cement and Sunplast Super OC-4100 Admixtures has been done jointly by your team and Mr. Amit Priyadarshi, IE, AQME at your mini batch mix plant km. 32.

The details of design mix has been gone through including its test results and observed that the test results are coming within the specified limits.

Therefore, you may go ahead with super OC-4100 Admixtures.

Thanking you,

Yours faithfully,

For **Consulting Engineering Services (India) Pvt. Ltd.**

(Ravinder Kumar Sapra)
Team Leader-cum Senior Highway Engineer

Copy to: General Manager cum Project Director, NHAI, PIU-Bhopal



Department of Civil Engineering
Motilal Nehru National Institute of Technology
Allahabad-211004
Structural Engineering Laboratory

No. 842 /CED/2013
Date : 21.11.2013
Lab Ref. PR-10A/2013

To

Mr. P. P. Rai
Chief Manager (Sub-Station)
M/S Power Grid Corporation of India Limited.
400/209 KV Sub-station,
Sarangapur, Rewa Road, Allahabad-211008

LCA Ref. No: CC-CS/151-NR1/SS-1404/3/G2/CA-II/4613 dated 02.04.2013 Dated 05.08.2013

Mix Design: M-25 (With Admixture)

DESIGN CONSIDERATION:

The following design criteria as per IS: 456-2000 has been adopted in carrying out the design of concrete mix of grade M-25 (with admixture).

1. Characteristic compressive strength required in the field at 28 days	25 N/mm ²
2. Maximum size of aggregate	20 mm
3. Type of aggregate	Crushed angular
4. Minimum cement content	300 kg/m ³
5. Maximum water cement ratio	0.5
6. Degree of quality control	Good
7. Exposure	Moderate
8. Water used	As per IS: 456-2000
9. Cement used	Jaypee 43 Grade OPC
10. Admixture	Sunplast Super QC 4100

MATERIAL PROPERTIES:

The materials were tested for their physical properties as per the relevant Indian Standard. The properties of cement, sand and coarse aggregates of 20 mm and 10 mm size are given below.

N.B.: The bill was raised to M/S L&T Construction ECC Division, Extension of 400/209 KV Sub-station, Sarangapur, Rewa Road, Allahabad as per the request in above mentioned reference letter.



Department of Civil Engineering
Motilal Nehru National Institute of Technology
Allahabad-211004
Structural Engineering Laboratory

Phone 0512-227327101

No. 774/CED/2013
Date 13.11.2013
Lab Ref PR-01A/2013

To
M/S L&T Construction ECC Division,
Extension of 400/200 KV Sub-station,
Sarangapur, Rewa Road, Allahabad

Ref. No: CC-CS/161-NR1/SS-1404/3/G2/CA-II/4613 dated 02.04.2013 Dated 05.08.2013

Mix Design: M-25 (With Admixture)

DESIGN CONSIDERATION:

The following design criteria as per IS: 456-2000 has been adopted in carrying out the design of concrete mix of grade M-25 (with admixture)

1. Characteristic compressive strength required in the field at 28 days	25 N/mm ²
2. Maximum size of aggregate	20 mm
3. Type of aggregate	Crushed angular
4. Minimum cement content	300 kg/m ³
5. Maximum water cement ratio	0.5
6. Degree of quality control	Good
7. Exposure	Moderate
8. Water used	As per IS: 456-2000
9. Cement used	Jaypee 43 Grade OPC
10. Admixture	Surplast Super QC 4100

MATERIAL PROPERTIES:

The materials were tested for their physical properties as per the relevant Indian Standard. The properties of cement, sand and single sized coarse aggregates of 20 mm and 10 mm size are given below

Independent Engineer (IE) for the work of Six Laning of existing three lanes for Bagodara-Wataman-Tarapur-Vasad Road, SH-B Km 0/0 to 101/9 in the state of Gujarat on BOT Basis

Ref.: IE-BTV/II/GVK/1259/2013

Date: 13th May 2013

To,
The Authorized Representative,
GVK Bagodara-Vasad Expressway Private Limited
Nanadan Van Society, Near Krishnanagar,
Anand Junction Borsad,
District : Anand
Gujarat 388 540

Attn. : Mr. Gurmit Singh (PM)

RECEIVED			
DATE	16/05/13	TIME	5:00PM
REASON	RECEIVED	INITIALS	
	RECEIVED		

Sub: Six laning of existing three lanes for Bagodara-Wataman-Tarapur-Vasad Road section SH-B from km 0+000 to km 101+900 in the state of Gujarat on BOT Basis - Review of Credentials of M/s. Sunlight Corporation for supply of Admixture & Curing Compound:

1. Curing Compound – Concurred.

Ref.: Your letter no. GVKBVEPL/PO/IE/2013/1074 dt. 09.05.13
Our letter no. IE-BTV/TL/GVK/1178/2013 dt. 16.04.13
Your letter no. GVKBVEPL/PO/IE/2013/1001 dt. 10.04.13

Dear Sir,

Your submittal is reviewed and our observations are as follows:

Admixture: Sunplast super – QC & PC:

Compatibility study details of Admixture Sunplast Super QC & PC with various cements are found in order.

Curing compound – CC:

1. Enclosed MTC and Independent Lab test reports of 'Curing compound – CC' are found in order as per ASTM C-309.
2. Procurement of the proposed curing compound shall be discontinued in the event of unsatisfactory test results.

However, the following points are to be ensured.

1. All details in respect of manufactured items shall be submitted as per Section 8, Sub-clause 8.1 (IV) and 8.7, Vol.-II, Part-II of CA for IE's review.
2. As per IRC SP 57, for Manufacturer items checking of samples is required before procurement.
3. Routine sampling and testing shall be required as per the frequency specified in relevant standards, Specifications and CA.
4. MTC will be obtained for each consignment/lot.

In view of foregoing, credentials of 'Curing compound – CC' is Concurred.

Thanking you and assuring of our best services always.

Yours faithfully,

(Bhaskar Lingam)

Authorized Signatory

For Egis India Consulting Engineers Pvt. Ltd.

Cc : General Manager (Projects), GSRDC – Gandhinagar.

Ref. No.: GVKBVEPL/PO/GVKPTSL/2013/1041
Date: 18th April 2013

To

GVK Projects & Technical Services Ltd.
Paigah House, 156-159,
Sardar Patel Road, Secunderabad,
Andhra Pradesh-500 003

Kind Attention: Mr. P. V. Rao (GM)

Sub.: Six laning of existing three lanes for Bagodara-Wataman-Tarapur-Vasad Road section of SH-8 from km. 0+000 to km. 101+900 in the state of Gujarat on BOT basis – **Review of M/s. Sunlight Corporation for supply of Admixture & Curing compound**
1. Admixture - Concurred with Comments
2. Curing Compound - Not Concurred

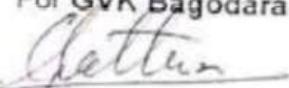
Ref: Your letter no GVK/GRP//SH:8/GVKT/986 dated 10.04.2013

Dear Sir,

With reference to captioned subject, please find enclosed herewith the IE's letter No 1178 dated 16.04.2013 wherein IE has concurred with comments credentials of M/s. Sunlight Corporation for supplying Admixture only.

This is for your further necessary action.

Yours faithfully,
For GVK Bagodara Vasad Expressway Private Limited



Gurmit Singh
Project Manager

Encl: IE letter - 1 page

Independent Engineer (IE) for the work of Six Laning of existing three lanes for Bagodara-Wateman-Tarapur Vasad Road, SH-8 Km 0/0 to 101/9 in the state of Gujarat on BOT Basis

Ref.: IE-BTV/TL/GVK/1178/2013

Date: 16th Apr. 2013

To,
The Authorized Representative,
GVK Bagodara Vasad Expressway Private Limited
Nanadan Van Society, Near Krishnanagar,
Anand Junction Borsad,
District : Anand
Gujarat - 388 540

Attn. : Mr. Gurmit Singh (PM)

Sub: Six laning of existing three lanes for Bagodara-Wateman-Tarapur-Vasad Road section SH-8 from km 0+000 to km 101+900 in the state of Gujarat on BOT Basis - **Review of Credentials of M/s. Sunlight corporation for supply of Admixture & Curing compound.**
1. Admixture - Concurred with comments.
2. Curing compound – Not Concurred.

Ref.: Your letter no. GVKBVEPL/PO/IE/2013/1001 dt. 10.04.13

Dear Sir,

Your submittal is reviewed and our observations are as follows:

1. All details in respect of manufactured items shall be submitted as per Section 8, Sub-clause 8.1 (IV) and 8.7, Vol-II, Part-II of CA for IE's review.
2. Recent MTC and Independent Lab test reports of 'Curing compound – CC' are required to be appended for review.
3. Compatibility details of Admixture with various cements are also required to be submitted for review.
4. As per IRC SP 57, for Manufacturer items checking of samples is required before procurement.
5. Routine sampling and testing shall be required as per the frequency specified in relevant standards, Specifications and CA.
6. Procurement of the proposed Admixture shall be discontinued in the event of unsatisfactory test results.
7. MTC will be obtained for each consignment/lot.

In view of foregoing, Credentials of the manufacturer for Admixture is **concurred with comments** and for 'Curing compound - CC' it is **not Concurred** for now pending compliance on above.

Thanking you.

Yours faithfully,



(Bhaskar Lingam)
Authorized Signatory
For Egis India Consulting Engineers Pvt. Ltd.

Cc : General Manager (Projects), GSRDC – Gandhinagar.



**Intercontinental Consultants
and Technocrats Pvt. Ltd.**

Ref. No: ICT/ IC/ NHAI/ IND/ NH8/TL/1522

Date: 16th February 2010

Mr. M. K. G. Swamy
Chief General Manager, IRB
Shree Hari Complex, 1st Floor,
Near Vapi, Tal. Umbergaon,
Dist- Valsad -396105

IRB SDTPL
PROJECT OFFICE VAPI
INWARD: B4 hand Naini
DATE: 17-02-10
SIGN:

Sub: Six- Laning of Surat - Dahisar Section of NH-8 from Km. 263.00 to Km. 502.00 in states of Gujarat and Maharashtra BOT project (TOLL) on DBFO pattern under NHDP Phase -V

- Submission of Concrete Mix Designs for various grades of concrete for the stretch GI- Section (Ultratech and Sunlight Admixture)

References: Your Letter no IRBSDTPL/VAPI/1947/2010 dated 12.02.2010

Dear Sir,

The Mix Designs for M15, M20, M25, M30, M35, M40 and M40 (Pile) grade of concrete for the stretch from Km. 263+000 to Km. 381+000 using Ultratech cement and Sunlight Corporation Admixtures have been received in this office as per your letter under reference for our Review and Comments.

We went through the details of Design and Test Results and observed that the Test Results are coming within the specified limits.

In this regard we are of the opinion that the above Mix Designs which you submitted along with your letter No. under reference can be followed for the execution of works for which they are intended to use.

Thanking you,
Yours truly,
For ICT Pvt. Ltd.

(E. V. Marquez)
Team Leader

Cc:- 1. Mr. A.D. Narain, President, "Engineer", ICT, New Delhi
3. R.E. - Chikhli & Vapi



**VISVESVARAYA NATIONAL INSTITUTE OF TECHNOLOGY,
(Formerly V.R.C.E.) NAGPUR - 440 010.**



Gram : VISRENCOL, NAGPUR
 Tel : Director: 2235733
 Registrar: 2226240
 PBX : 2223710, 2222828 (O) Ext. 1371
 Fax : 0712-2223230/2223969

**विश्वेश्वराया राष्ट्रीय प्रौद्योगिक संस्थान
नागपूर-४४० ०११; भारत**

Department of Civil Engineering

Ref : CT 2774/ CE 4467
 Date : 03/07/2019

To

Shri Ramesh Giri
 Projects manager
 Gawar construction limited

Sub: Mix Design For DLC (M-10) & PQC (M-40 grade)
Sub: Up-gradation to two lane with paved shoulder/four lane configuration for the work from km.109+790 to km.163+050 of nilajpatha to bhandara section (length 53.26 kms.) of NH-247 In the state of maharashtra on EPC: Regarding third party mix design of DLC & PQC.

Ref: NAG/GA/CO/180

DATE:- 30.05.2019

1. DESIGN STIPULATES

	Design stipulation	DLC	PQC
	Code Refered	MORTH 601	MORTH 602
1	Characteristic Compressive strength:	10 MPa	40 MPa
2	Characteristics Flexural Strength		4.5 MPa
3	Target Compressive Strength		50.9 MPa
4	Target Flexural Strength		5.2 MPa
5	Minimum Cement Content	120 kg	300 kg
6	Standard Deviation for Flexural strength		0.40
7	Maximum W/c Ratio		0.45
8	Standard Deviation for Comp. Strength	6.6	6.6
9	Retention		60 min
10	Slump required: slump		30-50
11	Type of Exposure: Moderate Exposure conditions.	Moderate	Moderate
12	Nominal size of Coarse Aggregate	31.5 mm	31.5 mm

2 LIST OF MATERIALS RECEIVED

Following materials have been received from the agency for Testing purpose.

Sno	Material Type	Qty	Sources
1	Cement	3 bags	Manikhgarh Birla Gold OPC 43
2	Flyash	100 kg	Adani Thermal Power Plant
3	Fiber	2 kg	Bajaj Fibers
4	Admixture	2 liters	Sunlight Corporation
5	31.5 mm	500 kg	Salewada Village Cone Crusher Plant
6	20 mm	500 kg	Salewada Village Cone Crusher Plant
7	10 mm	500 kg	Salewada Village Cone Crusher Plant
8	River Sand	500 kg	Wainganga River

VISVESVARAYA NATIONAL INSTITUTE OF TECHNOLOGY,
(Formerly V.R.C.E.) NAGPUR - 440 010)



Gram : VISRENCOL, NAGPUR
 Tel : Director: 2235733
 Registrar: 2226240
 PBX : 2223710, 2222828 (O) Ext. 1371
 Fax : 0712-2223230 2223969

विश्वेश्वरव्या राष्ट्रीय प्रौद्योगिक संस्थान
नागपूर-४४० ०११; भारत

Department of Civil Engineering

Supplementary Report

Ref : CT 2774A/ CE 4467
 Date : 19/09/2019

To

Shri Ramesh Giri
Projects manager
Gawar construction limited

Sub: Mix Design For DLC (M-10) & PQC (M-40 grade)

Sub: Up-gradation to two lane with paved shoulder/four lane configuration for the work from km.109+790 to km..163+050 of nilajpatha to bhandara section (length 53.26 kms.) of NH-247 In the state of maharashtra on EPC. Regarding third party mix design of DLC & PQC.

Ref: NAG/GA/CO/180

DATE:- 30.05.2019

1 LIST OF MATERIALS RECEIVED

Following materials have been received from the agency for Testing purpose.

Sno	Material Type	Qty	Sources
1	Admixture	2 liters	Sunlight Corporation
2	River Sand	500 kg	Wainganga River

2 EVALUATION OF FINE AGGREGATES

Sno	Physical Properties	River Sand
1	Specific Gravity(Apparent)	2.56
2	Water Absorption %	1.01%
3	Sand Equivalent Value %	79.3%

Evaluation of Admixture
Sunlight Corporation

Sno	Particulars	Observed Value	Manufacturing Value	Limiting Value as per IS 9103: 1999
1	Specific Gravity	1.09	1.07	± 0.02 of the value stated by the manufacturer
2	pH	6.65	7.02	Min 6.00
3	Dry Material Content	25.90	26.50	± 5% of the value stated by the manufacturer
4	Ash Content	1.91	2.10	Within 10% of the values or within 0.2% whichever is greater as stated by the manufacturer

*** Hence, Admixture is found Satisfactory as per IS 9103



Test I/c &

(Dr. S.P. Wanjari)

Email: swapnil_wanjari@yahoo.co.in

Ph. No. +919850364530

MARC TECHNOCRATS PRIVATE LIMITED

in Association with

JAIMAN CONSTRUCTION AND CONSULTANTS LLP

Corp. Office: Marc House, Sector 6-7 Dividing Road, Opp. Devi Lal Park, Bahadurgarh, Haryana-124507

JCC

Ref. No.: MARC-JV.JCC/SWM/NH-552/Camp/2018/15

Date: 03/09/2018

To,

The Authorized Signatory,
Valecha-Atcon JV
413, Sector-16A,
Faridabad- 121002.

Subject: - Widening, Strengthening and Reconstruction of Sawai Madhopur to Sheopur from Km 76/600 to Km 112/000 Section of NH-552 Extrn. in the state of Rajasthan on EPC Mode (Job no. NH-552 Extr./RJ/2017-18/700) Reg. Approval of Sunplast Admixture "Sunlight Corporation".

Ref:- Yours letter no. SWM/VA/CO/23 dated 28.08.2018.

Sir,

You have submitted the Third party test results and Manufacturer test reports for approval of Admixture Sunplast.

The Admixture is tested at M/s National Testing Laboratory Pvt. Ltd. (E.T.T.L.) Jaipur.

The test results submitted by you is checked and review by the under signed and found as per Technical requirements IS 9103, & (MORTH & Clause 1012) accordingly approval is accorded for incorporation in to the Permanent Concrete Construction Works of NH-552 Extrn. Sawai Madhopur to Sheopur road.

In addition to the above, you shall have to ensure the following requirement as per provision of specification time to time, which is as under.

1. Every lot shall be inspected jointly with Authority Engineer before using in the Permanent Works and testing in accordance with frequencies set out in the specification shall be undertaken on each batch delivered to the site.
2. You shall have to furnish the Manufacture test results of recently manufactured material from the proposed source as per MORTH specification.
3. Change of source for procurement of water reducing admixture is required fresh source approval.

Thanking you and assuring our best services at all times.

Yours Sincerely,
For MARC Technocrats Pvt. Ltd.



Team Leader
Jawahar Singh

CC-1. The Project Director cum Superintending Engineer, PWD NH Circle, Jaipur.
2. Executive Engineer, PWD, NH Dn. I, Jaipur.

Regd. Office: 657, 1st Floor, Surya House, Main Rohtak Road, Mundka, New Delhi-110041

Site Office: Behind Gangauri Hospital, Shri Narayan Nagar, Sawai Madhopur, Rajasthan 322001
H.O. Email: marc.sawai@mtplonline.com, site office Sawai Madhopur Email - jccip.swm@gmail.com

R. K. Jain Infra Projects Pvt. Ltd.

Unit No. 10, Kalyan Industrial Estate, Between 7 & 8th Main Street, Business Hub, Chhatarpur, Delhi, 110016
Address: A-8, Bhawani Dutt Road, Sector 10, Chandigarh, Punjab, 160010
Head Office: City Center, Sector 10, Chandigarh, Punjab, 160010

Unit Office: Number 10, Sector 10, Chandigarh, Punjab, 160010

Ref: -PRL/NDB/PACKAGE-10/19-20/57

Date: 05-08-2019

To
Team Leader
(NDB-II Package-10)
MSV international INC,
H.No: HIG C/22, Near Gurukul School,
Main Road Dhanvantari Nagar,
Jabalpur - 482002

Subject:- Upgradation and Reconstruction of Major Districts Road in the State of Madhya Pradesh Under NDB-II (Package -10) : Urban Portion of Old NH-3 in Shivpuri Nagar (Length 13.543 Kms), Mohna Pohri Road to AB Road (Length 25.700 Kms), Narwar to Chitor Road (Length 21.070 Kms), Guna Umri Sirsi Road (Length 54.500 Kms), Total Length-114.813 Kms.

"Regarding Submission of Concrete Mix Design M-15 with various Admixture and source approval of Coarse and Fine Aggregate at Guna-Umri-Sirsi Road."

Dear Sir,

With reference to above work and subject, we are herewith submitting Concrete Mix Design Report with various Admixture along with ACC Cement details of mix design tabulated below. And I am attaching the test report of coarse and fine aggregate source Badarwas For source approval.

Sr. No.	Cement Brand	Grade of Concrete	Admixture	Age of Test Report	
1-	ACC Cement OPC 43 Grade	M-15	Sunplast PC4050	7 days	28 days
2-	ACC Cement OPC 43 Grade	M-15	Ultrasuper PCE50	7 days	28 days

It is for your kind review and approval.

Thanks with regards,

Your Truly,

(Project Manager)
(R.K JAIN INFRA PROJECT PVT. LTD.)

Encl. :-

- 1- Concrete Mix Design M-15.
- 2- Supporting Documents
- 3- source of badarwas Coarse and fine aggregate (Test Reports)

Copy to

- 1- Resident Engineer, M/s MSV international INC NDB Package 10, Shivpuri.
- 2- Executive Engineer, MPPWD Division Guna, for kind information.
- 3- Sub Divisional Officer, MPPWD, Sub Division Guna, for kind information.



MSV INTERNATIONAL INC.

H No: HIL-C-22, Near Gurukul
School, besides Lakhani
Departmental Stores, Main Road
Dhanvantari Nagar, Jafalganj -
462002
Email: nubjafalganj@gmail.com

Ref. - MSV NDB Jabalpur TL RKJ SHIVPURI 037

Date: 12/08/2019

To,
M/s R.K. Jain Infra Projects Pvt. Ltd.
64, Utrayan, Behind Circuit House,
Rajendra Baas Road, Ajmer (Rajasthan).

Sub:- Upgradation and Reconstruction of Major District Roads in the State of Madhya Pradesh Under NDB-II (Package - 10); Urban Portion of Old NH-3 in Shivpuri Nagar (Length 13.543 Kms), Mehna Pohri Road to AB Road (Length 25.700 Kms), Narwar to Chitor Road (Length 21.079 Kms), Guna Umri Sirsi Road (Length 54.500 Kms). Total Length 114.813 Kms. - Approval for Job Mix Design of M-15 Grade of Concrete using Coarse and Fine Aggregates from Bamor-Damron Quarry/Crusher, Admixture from M/s Sunlight Conschem Corporation, Kanpur, UP (Sunplast PC4050) and ACC OPC 43 Grade Cement (260 Kg/m³) for use in Narwar to Chitor Road.

Ref. :- Your Issue no. PRJ/NDB/PACKAGE-10/19-20/63 dated 08.08.2019.

Dear Sir,

This is in reference to your above cited letter dated 08.08.2019 regarding approval of Job Mix Design M-15 Grade of Concrete using Coarse and Fine Aggregates from Bamor-Damron Quarry/Crush Admixture from M/s Sunlight Conschem Corporation, Kanpur, UP (Sunplast PC4050) and ACC OPC Grade Cement (260 kg/m³) for use in Narwar to Chitor Road.

The Job Mix Design is reviewed and is observed to be in conformance with the specification requirements. As such, the Job Mix Design for M-15 Grade of Concrete is hereby provisionally approved for use in project works. Final approval shall be granted only after satisfactory performance of the mix.

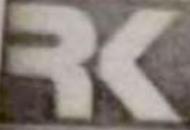
This is for your information and further necessary action please.

Yours Truly,

S. K. Singh
Team Leader
(For MSV International Inc.)

Copy to:

1. Director (NDB Projects), Nirman Bhawan, Bhopal.
2. Project Manager (Executive Engineer), MPPWD Division Shivpuri.
3. MSV International Inc., Gurgaon (Haryana).
4. Resident Engineer, NDB PKG-10, Shivpuri.



R. K. Jain Infra Projects Pvt. Ltd.

Plot No. 10, Sector 10, Dhanvantari, Bhopal - 462010, Madhya Pradesh, India
A-3 Shivalik, Chitrakoot, Pahar Ganj, New Delhi - 110016, India
Plot No. 10, Sector 10, Dhanvantari, Bhopal - 462002, Madhya Pradesh, India

Plot No. 10, Sector 10, Dhanvantari, Bhopal - 462002, Madhya Pradesh, India

OTC

Ref: -PRL/NDB/PACKAGE-10/19-20/53

Date: 02-08-2019

To

Team Leader
(NDB-II Package-10)

MSV International INC,
H.No. HIG C/22, Near Gurukul School,,
Main Road Dhanvantari Nagar,
Jabalpur - 482002

Subject:- Upgradation and Reconstruction of Major Districts Road in the State of Madhya Pradesh Under NDB-II (Package -10) : Urban Portion of Old NH-3 in Shivpuri Nagar (Length 13.543 Kms), Mohna Pohri Road to AB Road (Length 25.700 Kms), Narwar to Chitor Road (Length 21.070 Kms), Guna Umri Sirsi Road (Length 54.500 Kms), Total Length-114.813 Kms.
"Regarding Submission of Concrete Mix Design with various Grade of Concrete at Narwar to Chitor Road."

Dear Sir,

With reference to above work and subject, we are herewith submitting Concrete Mix Design Report with various grade of concrete with Sunplast 4050 admixture details of mix design tabulated below.

Sr. No.	Cement Brand	Grade of Concrete	Age of Test Report	
1-	Wonder OPC 43 Grade	M-20	7 days	28 days
2-	Wonder OPC 43 Grade	M-25	7 days	28 days
3-	Wonder OPC 43 Grade	M-30	7 days	28 days

It is for your kind review and approval.

Thank you for your regards,
Yours Truly,
[Signature]
(Project Manager)
(R. K. JAIN INFRA PROJECT PVT. LTD.)

Shivpuri Nagar, M.P.
Date : 17/08/19

MSV International INC
Date : 17/08/19

BF
17/08/19

Encl. :-

- 1- Concrete Mix Design M-20,M-25, M-30.
- 2- Supporting Document (Test Reports)

Copy to

- 1- Resident Engineer, M/s MSV International INC NDB Package 10, Shivpuri, For kind information
- 2- Executive Engineer, MPPWD Division Shivpuri, For kind information.
- 3- Sub Divisional Officer, MPPWD, Sub Division-II, Shivpuri, For kind information.

MSV INTERNATIONAL INC.

H.No. HIG-C/22, New Gurukul
School, Besides Lakshmi
Departmental Stores, Main Road
Dhanvantari Nagar, Jabalpur-
482002
Email: msvjabalpur@gmail.com

Ref - MSV/NDB/Jabalpur/TL/RKJ/SHIVPURI/032A

Date: 06/08/2019

To,
M/s R.K. Jain Infra Projects Pvt. Ltd.
6 K. Uttrayan, Behind Circuit House,
Roop Bass Road, Alwar (Rajasthan).

Sub:- Upgradation and Reconstruction of Major District Roads in the State of Madhya Pradesh Under NDB-II (Package - 10): Urban Portion of Old NH-3 in Shivpuri Nagar (Length 13.543 Kms), Mohna Pohri Road to AB Road (Length 25.700 Kms), Narwar to Chitor Road (Length 21.070 Kms), Guna Umri Sirsi Road (Length 54.500 Kms). Total Length 114.813 Kms: - Approval for Job Mix Design of M-15 Grade of Concrete using Coarse and Fine Aggregates from Badarwas Stone Quarry/Crusher, Admixture from M/s Sunlight Conschem Corporation, Kanpur, UP (Sunplast PC4050) and ACC OPC 43 Grade Cement (280 Kg/m³) for use in Guna-Umri-Sirsi Road.

Ref:- Your letter no. PRL/NDB/PACKAGE-10/19-20/57 dated 05.08.2019.

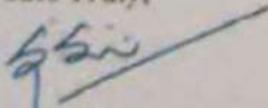
Dear Sir,

This is in reference to your above cited letter dated 05.08.2019 regarding approval of Job Mix Design For M-15 Grade of Concrete using Coarse and Fine Aggregates from Badarwas Stone Quarry/Crusher, Admixture from M/s Sunlight Conschem Corporation, Kanpur UP (Sunplast PC4050) and Ultratech OPC 43 Grade Cement (280 Kg/m³) for use in Guna-Umri-Sirsi Road.

The Job Mix Design is reviewed and is observed to be in conformance with the specification requirements. As such, the Job Mix Design for M-15 Grade of Concrete is hereby provisionally approved for use in project works. Final approval shall be granted only after satisfactory performance of the mix at site.

This is for your information and further necessary action please.

Yours Truly,



S. K. Singh
Team Leader
(For MSV International Inc.)

Copy to:-

1. Director (NDB Projects), Nirman Bhawan, Bhopal.
2. Project Manager (Executive Engineer), MPPWD Division Shivpuri.
3. MSV International Inc., Gurgaon (Haryana).
4. Resident Engineer, NDB PKG-10, Shivpuri.

Ref: Egis India/RE UPG-01/UPCRNDP/210/2020

Date: 10th February 2020

To,

Authorized Representative

GHV (INDIA) PVT. LTD.,
Base Camp, Bihuni Khurd
Pargana, Muskara Tehsil,
Maudha, Hamirpur - 210506
Ph No. 7060099481

Project: Consultancy Services for Uttar Pradesh Core Road Network Development Program - Engineering Procurement and Construction Contract for Up-gradation and Maintenance of **Hamirpur - Rath Section** of SH-42, from Km 2.065 to Km 74.255 Pkg. No. UPCRNDP/UPG/01/2018.

Subject: Submission Profile of M/s Sunlight Corporation for Source Approval of Construction Chemical (Admixture) - Concurred with Comments.

Ref: Your Letter No. GHV/Site/SH-42/Rath/183 Dated 30.09.2019

Dear Sir,

With reference of communication cited above we have reviewed the submitted profile of **M/s Sunlight Corporation for Source of Admixture and Curing Compound**, is provisionally concurrence for execution of work subjected to fulfill our project requirement as provided by following:-

1. Every consignment brought to site should be supported with MTC and submit to the A.E. for review/comment.
2. Each lot of supply shall be tested in accordance with relevant specification.
3. Material shall be stored and protected as per required specification.
4. We reserve the right to reject the source without prior notice if it is found that the product proved to be unacceptable at any stage.
5. The review of the source by A.E. shall not relieve the contractor from responsibility as stipulated in the Agreement.



Page 1 of 2

Egis India Consulting Engineers Pvt. Ltd.

An ISO 9001: 2008 Certified Company

Site Office: C/o Mr. Ram Ratan Singh, Nai Basti, Charkhari Road, Near Ramila Ground, Rath Distt.-Hamirpur, Uttar Pradesh-210 431

E-Mail: egis_hamirpur.rath@egis-india.com; jawahar.s@egis-india.com

Team Leader Office: 3/138, Vishal Khand, Near Euro Kids School, Gomtinagar, Lucknow-226010, Ph No. - 0522 : 4952905

E-Mail: egis_upcrndp@egis-india.com, Ayaz.B@egis-india.com

Corporate Office: Plot No. - 66, Sector - 32, Gurgaon-122003, Haryana, India

Tel: +91 124 424 9300, Fax: +91- 124 4249499 E-mail: egis-india@egis-india.com, Website: www.egis-india.com

Regd. Office: T-305, TF, Tirupati Plaza, Sector-XI, (MLU) PKT-4, Plot No. 11, Dwarka, New Delhi-110075, India Tel: +91 11 4570 4300

CIN: U74210DL2005PTC221565



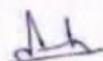
G R O U P

Ref: Egis India/RE UPG-01/UPCRNDP/210/2020

Date: 10th February 2020

Please note final concurrence of the source shall be based on the satisfactory test result from any one of these independent laboratories such as IIT, Shree Ram Institute of Industrial Research, NBCCM & Anu Lab. through the joint sampling.

Yours Sincerely,
for Egis India Consulting Engineers Pvt. Ltd.,



(Jawahar Singh)

Resident Engineer

CC: 1) Superintending Engineer, World Bank Project Circle, PWD, Kanpur.
2) Executive Engineer, World Bank Division, PWD, Jhansi.
3) Team Leader, Egis Office, Lucknow.

Page 2 of 2

Egis India Consulting Engineers Pvt. Ltd.

An ISO 9001: 2008 Certified Company

Site Office: C/o Mr. Ram Ratan Singh, Nai Basti, Charkhari Road, Near Ramila Ground, Rath Distt.-Hamirpur, Uttar Pradesh-210 431

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Team Leader Office: 3/138, Vishal Khand, Near Euro Kids School, Gomtinagar, Lucknow-226010, Ph No. - 0522 : 4952905

E-Mail: egis_upcrndp@egis-india.com, Ayaz.B@egis-india.com

Corporate Office: Plot No. - 68, Sector - 32, Gurgaon-122003, Haryana, India

Tel: +91 124 424 9300, Fax: +91- 124 4249499 E-mail: egis-india@egis-india.com, Website: www.egis-india.com

Regd. Office: T-305, TF, Tirupati Plaza, Sector-XI, (MLU) PKT-4, Plot No. 11, Dwarka, New Delhi-110075, India Tel: +91 11 4570 4300

CIN: U74210DL2005PTC221585



GROUP

in Association with



AAKAR ABHINAV
Consultants Pvt. Ltd.

Our Ref: FIPL/TL/NH166E/MANISHA/2020-21/ 456

Feedback Infra Private Limited

(Formerly known as Feedback Infrastructure Services Private Limited)

Highways Division

15th Floor, Tower 9B, DLF Cyber City, Phase-III

Gurgaon 122 002, Haryana, INDIA

Tel: +91 124 431 6100 Fax: +91 124 431 6655

Email: bdcentral@feedbackinfra.com

www.feedbackinfra.com

Date:- 07-11-2020

To,
The Authorized Signatory,
M/s Manisha Construction Co. & Raj (JV)
Tal: Khed, Ratnagiri-415621.
Maharashtra.

Sub:- Consultancy Services For Authority's Engineer for Supervision of Rehabilitation and Upgradation to 2 lane with Paved Shoulder/4 Lane standard of National highway section Guhaghar Road To Chiplun section of NH-166E (Length-39.83) Design Chainage 0/00 To 26/230 & 40/00 To 53/600 in the state of Maharashtra under EPC Mode. Source Approval of Sunplast Admixture - Reg.

Ref: - Your Letter No. - M&R (JV)/GC/NH-166E/PWD/2020/416 Dt.-27.10.2020

Dear Sir,

With reference to your submission for source approval Sunplast Admixture of Sunlight Conschem Corporation, Kanpur (UP). The submitted credentials are found in order for the usage in Concrete works as per 1012.32 of MORT&H specification and conformity as per IS 9103.

Hence approving the same for the usage in project highway concrete works

Yours Truly,

For, Feedback Infra Private Limited
In association with
Aakar Abhinav Consultants Pvt. Ltd.

Pankaj Shakma
Team Leader

CC: 1) Executive Engineer PWD NH Division, Ratnagiri
2) S.D.O PWD NH Division, Chiplun.



Dhruv Consultancy Services. Ltd.

501, Plot No. 67, Pujit Plaza, Opp. K-Star Hotel, Sector-11, C.B.D. Belapur, Navi Mumbai – 400 614 Telefax No. +91 22 27570710, Mobile:- 09619497305, Website : www.dhruvconsultancy.in Email ID: services@dhruvconsultancy.in, info@dhruvconsultancy.in, CIN No.U74999MH2003PTC141887

TO

Krishnand Infra

Flat no 101, Maheshwari Co-op Housing Society
21 Wardhman Nagar Middle ring road
Nagpur 440008

Letter no 168

Date 18-12-2020

Subject Up- gradation of Nanded – Kinwat- Mahur –Arni Road Section From Sarsam Budruk to Kothari (Design Ch 33+000 Km to Ch 90+000 Km) (Length = 57.00Kms) to two lane with paved shoulder of NH-548C on EPC Mode in the state of Maharashtra.

Approval for Source for Admixture.

Reference : Your letter SHELOVARAH JV/Sarsam-Kothari/NH-161A/215 dated 09/12/2020.

Sir,

With reference to above letters regarding approval to the source of admixture to be used for Pavement quality concrete. After going through the credential submitted by you along with your letter about **Sunplast PC/PQ 4050** of **SUNLIGHT CONSCHAM CORPORATION**, the permission of procurement is granted subject to following conditions.

- 1) Each lot/ consignment should be accompanied by manufacturers test certificates.
- 2) All tests relating to concrete admixtures shall be conducted periodically at an independent laboratory.
- 3) Trial Mix shall be carried out to check the compatibility of admixture and the effects on strength of concrete.



Yours Sincerely,


Authority's Engineer
Dhruv Consultancy Services Ltd

Copy submitted To:-

1. Executive engineer National Highway Division, Nanded 431605.
2. Dhruv consultancy services ltd CBD Belapur Navi Mumbai 400614.



Dhruv Consultancy Services Limited

Joint Venture with

Yongma Engineering Co. Ltd.

In Association with

Cho & Kim Engineering Pvt. Ltd

501, Plot No. 67, Pujit Plaza, Opp. K - Star Hotel, Sector-11, C.B.D. Belapur, Navi Mumbai – 400 614 Telefax No. +91 22 27570710, Mobile: +91 9619497305 Website: www.dhruvconsultancy.in Email ID: info@dhruvconsultancy.in, services@dhruvconsultancy.in

DCSL/NHAI/AE/NH-160/2021-22/215

Date: 29/03/2022

To,
Authorized Signatory,
SDPL-ATS JV
S.No.132/2&3, Plot No.22,
Gulmohar Park, ITI Road,
Aundh, Pune-411007, Maharashtra.

Subject: Consultancy Services for Authority's Engineer for Supervision of (a) Up-gradation to Four Lane with Paved Shoulder configuration of the highway starting from existing km 88.400 (Savali Vihir) to km 163.400 (start of Ahmednagar bypass) (Design Length- 75.000 km) and (b) 4 lane Elevated structure (flyover) from Sakkar Chowk to SB Chowk on Pune-Aurangabad road along NH-222, in Ahmednagar city limit in the state of Maharashtra on EPC mode.

Reg. Approval of M-40 PQC Mix Design with GGBS of JSW.

Source of Aggregate. Dehre Crusher Plant (Distt: Ahmednagar, Maharashtra).

Ref. Letter No. SDPL/AE/SavliVihir/Lab/2021-22/190 Date-01/03/2022.

Dear Sir,

Your submission vide your letter cited above i.e. Mix Design of M-40 (PQC) of concrete has been reviewed by us. On the basis of 28th days cube strength the mix design are being finally approved for use in the project. The trial mix of concrete mix design has been conducted jointly in presence of our & your representative at site laboratory with the following source of materials.

- Coarse Aggregate – Dehre Crusher Plant
- Fine Aggregate - Dehre Crusher Plant
- Cement OPC 53 Grade – Zuari Cement
- GGBS – JSW Cement Limited
- Admixture – Sunlight (CP-4050)

The ingredients of concrete per cubic meter as per final trial made and tested are as under (Unit-Kg)

Grade of Concrete	Cement	Water	GGB S	Crusher Dust	26.5 mm Agg.	20 mm Agg.	10mm Agg.	Admixt ure (0.8%)	Slump		Compressive Strength	
									Initial	Final	7 th day	28 th day
M-40 (PQC)	287	151.7	123	722.62	561.18	203.35	504.82	3.49	80	30	41.87	53.59

Flexural Beam strength is 5.51 MPA in 28 days. Design mix is based on aggregate in SSD and moderate exposure condition. Please note that if any ingredients/source of material changes, the above mentioned mix design shall be redesigned/reviewed accordingly.

NY

1. Strict Adherence to mix proportions.
2. All the MTC of materials should be submitted to this office on receipt of the material lots.
3. Test should be conducted on such lot samples and results to be submitted to this office for further review.
4. Regular trials should be carried out as per stipulated frequency and results to be submitted to this office for further review.

This is for your information and necessary action.

With regards

For, M/s. Dhruv consultancy services Ltd.

JV with M/s. YECOL.

In association with M/s. C&KEPL. *29/03*

Mahesh Kumar Mishra

Team Leader Cum Sr. Highway Engineer

M/s. Dhruv Consultancy Services Ltd. JV

With YECOL, In Associated with CKEPL

Mahesh Kumar Mishra

Team Leader

Encl: As above.

Copy to: The Project Director (PIU- Ahmednagar, National Highways Authority of India

“Shramsahekar” SahakarSabhagruh Road, Behind Market Yard , Ahmednagar

(Maharashtra-414001)-For information and record Please.

SDPL - ATS JV



S.No.132/2&3, Plot No.22, Gulmohar Park, ITI Road, Aundh Pune -411007, Maharashtra, India.

E-mail: shirdi@sdplpune.com Tel.: +91 -41004850

Ref.: SDPL/AE/SavliVihir/Lab/2021-22/190

Date: - 01-03-2022

To,

Team leader, Authority's Engineer,
(M/s Dhruv Consultancy Services Ltd
in JV with M/s Yongma Engineering Co Ltd
in Association with M/s Cho & Kim Engineering Pvt Ltd, Navi Mumbai)

Kind Attention: Shri Mahesh Kumar Mishra, Team Leader (Authority's Engineer)

Project: Up-gradation to four lane with paved shoulder configuration of the highway starting from existing km 88.400 (Savali Vihir) to km 163.400 (start of Ahmednagar Bypass) (design length – 75.000 km) section of nh-160 in the state of Maharashtra under Bharatmala Pariyojana on EPC mode.

Subject: Regarding Submission of M40 Grade (PQC) Mix Design Report.

Dear Sir,

With reference to the above subject, we are submitting here with the 7 & 28 Days test result of Concrete Mix Design. M40 Grade (PQC) With material Cement of Zuari OPC-53, Source of GGBFS-JSW Cement Limited, Source of Admixture – Sunlight (PC-4050), Source of Aggregate SDPL Stone Crusher for your review and approval.

Thanking you and assuring you of our best services at all times.

Yours faithfully,

For SDPL-ATS

Authorized signatory





o/c
Dhruv Consultancy Services Limited
 Joint Venture with
Chaitanya Projects Consultancy Pvt. Ltd.



Plot No. 67, Puri Park, Opp. R. S. Ste. House, Sector 11, C.G.O. Road, Navi Mumbai - 400614
 Tel/Fax No. +91 22 27520710, Mobile: +91 9613497309, Website: www.dhruvconsultancy.in
 Email ID: info@dhruvconsultancy.in, MCA No. L74999MH2003PLC 147887

DCSL/CPCPL/NH-561A/Pkg-II/Highway /2822/53

Date: 19/03/2022

To,

Authorized Signatory,
 Kainala road project Pvt. Ltd.
 Survey no 348/1, At-Ghumari,
 Tal-Karjat, A. Nagar-Solapur Road.
 Dist. Ahmednagar 414401

Subject: - Independent Engineer Services for Four-laning of Ahmednagar-Ghograon-Kainala-Tembhurni Section of NH-561A for (a) Package - I From design Km 0.000 (Ahmednagar) to design Km 38.775 (Ghograon) and (b) Package - II from design km 38.775 (Ghograon) to design km 50.390 (Ahmednagar - Solapur Border) in the state of Maharashtra under Bharatmala Prayojana on Hybrid Annuity Model - Submission of profile and Credential for approval Reg.

Ref: - Your office letter- KRPPU/HAM/MH/79, dated -15/02/22

Dear Sir,

With reference to subject cited above, we are in receipt of credentials for source approval of materials used in below submitted vide your letter mentioned under reference

Table-A

Material	Brand Name	IS Code /MORT&H Specification/Codal	Remark
(i) Cement OPC 43/53	1) Dalmia Cement (Bharat) Ltd 2) Kalburgi Cement	IS-8112, IS-12269 IS-269-2015	Provisionally approved as per Codal provision
(ii) Steel TMT-steel FE-500	Agrawal foundries	IS 1786-2008 & MORT&H section	and MORT&H specification for resp materials and final
(iii) Bitumen VG30/CG40/PMB	1) OFB Tech Pvt Ltd	As per IS-1201 TO IS-1220 and IS-73	specification for resp materials and final
(iv) Emulsion (RS & SS)	1) Bedrock Chem Infra-LLP	As per IS-8887-2018	Provisionally approved as per Codal provision
(v) Geogrid/Geosynthetic/Geotextile	1) CTM Geosynthetic	ASTM-D-6637-2015 ASTM-D-5261-2010	and MORT&H specification for resp materials and final
(vi) Admixture	1) Fairmale Chemical Pvt Ltd 2) Sunlight Conschem Corporation	As per IS 9100 And IS 6925 & MORT&H section 1705 Fifth revision	approval after the factory visit



OG/EPC/TL/Vol-VII/946

Date: 15.03.2022

The Authorized Signatory,
M/s. J. Kumar Infraprojects Ltd.
Casting Yard, Najafgarh Bijwasan Road,
Dwarka, New Delhi - 77

Kind Attention: Shri R.B. Singh, Regional General Manager.

Sub: - Construction of Dwarka Expressway Package-2 in the State of Delhi on EPC basis (Job No. 12675) – Approval of Method Statement for Mix Design of M50 Grade Concrete for RCC (AMS-74).

Ref:- Your letter no. JKIL/NHAI/DWE/Pkg-2/1218 dated 14.03.2022.

Dear Sir,

Please find enclosed a copy of – Approved Method Statement for Mix Design of M50 Grade Concrete (With Silica-Sun Silica and Admixture-Sika) for RCC (AMS-74), submitted vide your letter under reference for your necessary action and record.

Thanking you and assuring you our best services at all times.

For Authority's Engineer
Dwarka Expressway Package-2

(Debasish Bhattacharyya)
Team Leader

Enclosure: 1 (One) Booklet.

Copy for information to:-

1. The Project Director, NHAI (PIU), 201E/A, 2nd Floor, D21, Corporate Park, (Near Dwarka Sector – 8 Metro Station), Sector – 21, Dwarka, New Delhi – 110075. Alongwith Enclosure
2. The Authorized Representative of AE (Job no. 12675), ASSYSTEM STUP Consultants Pvt. Ltd., Ishram Signature Tower, Near ISKCON Temple, Plot No. 5, Pocket B-10, Sector 13 Dwarka, New Delhi – 110078.

Internal:-

SQME – Along with the copy of AMS-74 for your information & necessary action.

QCE - CBMP

STUP Consultants Pvt. Ltd. in Association with M/s CEOMA Consulting

Project Office : 99-100, 2nd Floor, Sai Enclave, Dwarka, Sector-23, New Delhi-110077, India

STUP Consultants Pvt. Ltd.

Branch Office : Ishram Signature, Plot No. 5, Pocket B-10, Sector-13, Dwarka, New Delhi - 110078, India, Tel : 011-45616200, 45616300

Regd. Office : 1004 & 5, Raheja Chambers, 213, Nariman Point, Mumbai - 400021, India, CIN : U74909MH1963PTC012549

Tel: +91 (022) 40868686, Fax: +91 (022) 20048424, E-mail : delhi@assystem.com



Dhruv Consultancy Services Limited
Joint Venture with
Chaitanya Projects Consultancy Pvt. Ltd.



501, Plot No. 67, Puji Plaza, Opp. K - Star Hotel, Sector-11, C.B.D. Belapur, Navi Mumbai – 400 614
Telefax No. +91 22 27570710, Mobile: +91 9619497305 Website: www.dhruvconsultancy.in
Email ID: info@dhruvconsultancy.in, services@dhruvconsultancy.in, CIN No. L74999MH2003PLC141887

DCSL-CPCPL-/NH-561A/AG-Pkg-I/ Source Approval/2022-23/43 Date: 14-03-2022

To,

AGRPLL
The Authorized Signatory,
Gat No. 796/1 MandavganPhata,
Tal.Shrigonda
Near Ruichattishi Village.
Dist.Ahmednagar .Pin.414101

Subject: Independent Engineer Services for Four laning of Ahmednagar-Mirajgaon-Karmala Tembhurni Section of NH-561A for (a) Package – 1 From design Km 0.000 (Ahmednagar) to design km 38.775 (Ghogargaon) in the state of Maharashtra under Bharatmala Pariyojana on Hybrid Annuity Mode.

Regarding- Review/Source approval of Vendors for Chemical Admixture.

Reference-

1. Your office letter no AGRPLL/Pkg-1/NHAI/2022/108.Dated 04.02.2022
2. Your office letter no AGRPLL/Pkg-1/NHAI/2022/126.Dated 18.02.2022
3. Your office letter no AGRPLL/Pkg-1/NHAI/2022/127.Dated 18.02.2022
4. Your office letter no AGRPLL/Pkg-1/NHAI/2022/160.Dated 08.03.2022

Dear Sir,

With reference to your submissions above we have reviewed the same & evaluation under reference the following proposals are Provisionally Approved for the supply of chemical Admixture for use in concrete works for the project.

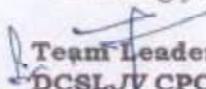
- a. Sunlight Conschem Corporation.
- b. Fairmate Chemicals Pvt.
- c. VB Chemicals Pvt.Ltd.
- d. Apple Chemie India Pvt Ltd.

Source approval of above is subject to following conditions.

1. Third party test on sample of admixture shall be carried out at NABL Accredited Independent laboratory before supply of admixture for use in concrete works.
2. Each & every lot of admixture shall be tested (physical & chemicals properties) in accordance with the requirement of IS 9103 standard & Clause 1012.3 of MoRT&H specifications & test reports be submitted to IE for review.
3. MTC & Invoices shall be provided for each lot/consignment of admixture when brought at site for review & record.
4. Authority/IE reserves the right to reject/cancel any above the source if product fails to comply with contract specification.

Final approval will be accorded only after joint source inspection & performances /acceptance with contract specification.

Thanking you & assuring best of services for project.


Team Leader

DCSL JV CPCPL

TEAM LEADER
CC: H Project Director PMU Ahmednagar.
Chaitanya Projects Consultancy Services Limited Navi Mumbai for information.
Chaitanya Projects Consultancy Pvt.Ltd.

SAI/CS-KSTP/TAHS221006/CONT/III-R10/2022/628

21st July 2022

To

The Authorized Signatory,
 M/s. Marymatha Infrastructure Private Limited,
 Marymatha Square,
 Arakkuzha Raod, Muvattupuzha,
 Ernakulam, Kerala – 686 661.

Sub: RKI Package III - Road 10 - Rehabilitation and Up gradation of Aarakunnam- Amballoor Road & Poothotta- Piravom Road (Length of 7.980 Km) in Ernakulam District-**Submission for Source approval of Construction Materials** - Regd.

Ref: Your letter No: 3154 dated 14.07.2022 received 15.07.2022

Dear Sir,

With reference to the subject & letter cited above, this office has reviewed the submitted sources of material for approval vide your letter under reference (i) listed below with our observations as follows,

Sl. No.	Source	Material	Observations	
1	M/s. KAMACHI INDUSTRIES LIMITED	Steel	(1). As per IS: 1786-2008 Clause No. 13.4 BIS Certificate not enclosed. (2). As per the Clause 1009.3.1 of MoRT&H, the steel shall be procured from the "Original Producers" only.	
2	MASCOM TMT		Factory Visit with third party test results from the approved laboratory is required.	
3	M/s. Cochin Blue Metal Industries Pvt. Ltd.	Coarse & Fine Aggregate	Provisionally source Approved, Prior to approval collect the samples jointly from M/s. Cochin Blue Metal Industries Pvt. Ltd. and send for testing in the approved laboratory. The results of the same send to this office for review & approval.	
4	SUNLIGHT CORPORATION	CONSCHEM	Admixture	Provisionally Approved, Prior to approval third party test results from the approved laboratory is required.

In view of the above, please submit the necessary documents complies to the above observations for this office review and approval. And arrange a factory visit at the earliest to avoid further delay in schedule of the Project.

This is for information and further necessary action.

Thanking You.

With Best Regards,



(Subramanyam Tummi)
Team Leader, RKI Package III (Lot-1)

CC

1. The Project Director, KSTP
2. The Chief Engineer, KSTP
3. The Executive Engineer, KSTP, Muvattupuzha Division
4. The Team Leader, M/s Louis Berger, PMC
5. Office File.



Consultancy Services for Authority's Engineer for the work of "Rehabilitation and Upgradation to 2-lane with paved shoulder configuration of Allahganj to Miranpur Katra (Km 52.770 to Km 114.000) & Miranpur Katra to Radhaita (Km 114.000 to Km 137.250) Section of NH-730C and Radhaita to Pilibhit Section of 46.130 Km, which includes (i) 6.850 km of NH 730C (from Km 137.250 to Km 144.100), (ii) 3.550 Km of NH 730B (from Km 144.100 to Km 147.650) & (iii) 35.730 Km of NH 731K (from Km 147.650 to km 183.380) in the state of Uttar Pradesh under Green National Highways Corridor Project (GNHCP) with the loan assistance of World Bank on EPC mode

Ref.: ICT/645/TL/14

Date: 16.08.2022

To,

The Authorized Signatory

Gawar Construction Ltd.

V.P.O. Khaikheda, Jalalabad,

Shahjahanpur – 242221, UP, E-mail: scctawah22@gmail.com

Sub: Consultancy Services for Authority's Engineer for the work of "Rehabilitation and Upgradation to 2-lane with paved shoulders configuration of Allahganj to Miranpur Katra (Km 52.770 to Km 114.000) & Miranpur Katra to Radhaita (Km 114.000 to Km 137.250) Section of NH-730C and Radhaita to Pilibhit Section of 46.130 Km, which includes (i) 6.850 km of NH 730C (from Km 137.250 to Km 144.100), (ii) 3.550 Km of NH 730B (from Km 144.100 to Km 147.650) & (iii) 35.730 Km of NH 731K (from Km 147.650 to km 183.380) in the state of Uttar Pradesh under Green National Highways Corridor Project (GNHCP) with the loan assistance of World Bank on EPC mode (PKG-II). Source Approval of Chemical Admixture from reputed firm -reg.

Ref: AMK/ PKG -2 /GNHCP/Morth/Highway/22 Dated 25.07.2022

Dear Sir,

In reference to above subject matter, the submission of Chemical Admixture made by you has been checked and we accord our provisional approval to the source:

1. Sunlight Consechem corporation

Our final approval is subject to satisfactory physical and chemical test results as per codal provision (IS 9103 & IS 6925) on jointly collected samples. Meanwhile we request you submit the manufacturer test certificate (MTC) for our review and record.

Please note that the Admixture containing chlorides, Nitrates, Sulphides, Sulphates, and any other material liable to affect the steel and concrete shall not be used in permanent works. Please also ensure to maintain Admixture consumption register in Home Laboratory.

Thanking you,

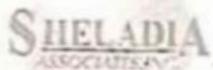
for Intercontinental Consultants and Technocrats Private Limited.

Team Leader

*for
15/8/2022
M. Tariq*

CC: 1. Project Director, PIU MoRTH, Shahjahanpur
2. Authority Engineer, ICT, New Delhi





SHELADIA Associates, Inc.

• Engineers • Development Consultants • Architects

Team Leader Office:

Qr. No. B-5, Saraswati Enclave, Opposite City Railway Station,
Dhankauda, Sambalpur - 768006, Odisha
E-mail: sheladiah5525@sheladiah.co.in

Authority's Engineer for Supervision of Rehabilitation and upgradation of Angul - Sambalpur Section of NH-42 in the State of Odisha (Km 112.00 to Km 265.00) under NHDP-IV on EPC mode

Our Ref: SHELADIA/ANGU-SBP/AE/EPC/1261

Date: 06.09.2022

To

Mr. Shashank Agarwal,
Authorised Signatory,
EPC Contractor,
M/s. Gayatri-PTPS (J.V)
Project Office, Sambalpur.

Sub: Consultancy services for Authority's Engineer for Supervision of Rehabilitation and up-gradation of 4-laning of Angul-Sambalpur Section of NH-42 (New NH No.55) from Km.112.000 to Km.265.000 in the State of Odisha on EPC mode – Review of company profile and credentials of Admixture from Sunlight Conschem Corporation, Kanpur for source approval – Reg.

Ref: GAYATRI – PTPS/NH – 55 (A-S)/SHEL/TL/QA-QC/2022-23/11 dated 19-08-2022
(received on 27/08/22)

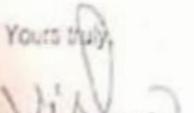
Gentleman,

With reference to above cited letter, Authority engineer has reviewed the profile and credentials of M/s. Sunlight Conschem Corporation, Kanpur for source approval to supply the admixture to use in the project works and observe the following.

- 1) ISO 9001-2015, ISO 14001 - 2015 certificate for documentation procedure for manufacturing, quality control and assurance has expired.
- 2) You have not specify the particular admixture for structural concrete as well as PQC works.
- 3) Latest independent test reports are not available for above mentioned products.

Therefore, you are hereby directed to comply the above observations and re submits the same for our review and further necessary action.

This is for your information and further necessary action.

Yours truly,

Vishnu Rao E.V.
Team Leader

C.C. – The Project Director, PIU-NHAI, Sambalpur
Dr. G. Murali Krishna, Director, India Operations, SHELADIA Associates

Home Offices:
11825 Shady Grove Road, Suite 100, Rockville, MD 20850,
Tel: +1-301-590-1939, Fax: 301-945-7174

Indian Regional Offices:
"Amsi Classis", Flat No. 1, 1A, 2 & 2A,
Dharmatala, 9/1/127/4 & 127/4/1, 4th Floor,
109 Road, Secunderabad - 500003, Telangana, India.
Tel: +91-40-27133803, Fax: +91-40-27715795.
Email: seaboard@sheladiah.com

To
The Authorized Signatory,
Kodungallur Highways Pvt. Limited
Triprayar Thrissur
Kerala State.

Sub: Independent Engineering Services for Six Laning from Thalikulam to Kodungallur Se
of NH-66 (OLD NH-17) from Design Ch. 369+015 (Ex. Km 382+300) to Design Cha
397+750 (Ex. Km 411+850) in the state of Kerala on Hybrid Annuity Mode (HAM) i
Bharatmala Priyojana- Approval of Admixure & Curing Compound -Sunlight Cons
Corporation. -Regarding

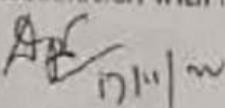
Ref: 1. IE Agreement signed, dated 28.06.2022.
2. Concessionaire Appointed Date 17.09.2022 vide Lr. No NHAI/Tech/KL/Thalikula
Kodungallur/NH-66/202-23 dated 07.10.2022

Dear Sir,

With respect to above subject cited, Submitted Credentials of Sunlight Cons
Corporation has been scrutinized by us and found satisfactory. Hence approving the Admix
& Curing Compound for usage in project highway works.

This is for your information and records.

Thanks & Regards,
For L.N. MALVIYA INFRA PROJECTS PVT.LTD.
In association with M/s. Intratech Civil Solutions & Consultant.



Team Leader

L.N. MALVIYA INFRA PROJECTS PVT. LTD.



Registered Office: Plot No. 29, F/F Sector-11, Dwarka, New Delhi-110078

Corporate Office: T-10, IIIrd Floor, City Centre, Press Complex,

Plot No. -I, M.P.NagarZone -I, Bhopal (M.P.), 462011

Tel./Fax: 0755-4295421, CIN No. U45201MP2010PTC024316

Mob. 09826452711, 7773000871, 9977004686/Email: lnmalviya@rediffmail.com Web: www.infra.com

Project Office: Manor, Distt. Palghar, Maharashtra

Letter no.: LNMIPPL/VME/RKC/ Package-XI/2021-22/156

Date: 31. Jan.2022

To,

The Authorized Representative

M/s RKC Infrabuilt Pvt. Ltd.

RK Group

302, 4th Floor, Panchdhara Complex,
Near The Ground Bhagwati, S.G. Highway,
Bodakdev, Ahmedabad-380054
bd@rkc.co.in, Phone no. 079-7104 4001

Project: Consultancy services for Independent Engineer for supervision of Construction of Eight Lane access-controlled Expressway (Ganjad to Talasari - Package -XI, Phase-II)

Sub. Approval of Admixtures:

- Prism Johnson Limited
- Sunlight Conschem Corporation
- Fair Mate Construction Chemicals
- Concrete Additives and Chemicals Pvt. Ltd.

Ref.: 1. RKC/VME/PH-II/Pkg.11/GT/20

Dated: 22 Jan.22

Dear Sir,

This has reference to the submitted Credentials & certificates vide letter at S. no.1 related to materials from **Manufactures** as mentioned in subject, have been reviewed:

All the submitted Credentials and certificates are found in order.

Approval of aforesaid manufacturers is accorded subject to the following conditions:

- I. Sample of materials, as mentioned in subject, are to be jointly collected and sent to any one of the approved Laboratories by IE.
- II. Every Consignment brought to the site should be supported with MTC and the same shall be submitted to IE for review.
- III. The above materials should be incorporated to use in the construction works only after satisfactory results from third NABL approved testing laboratory as per the requirements of MORT&H specifications and relevant the IS codes.
- IV. Testing should be conducted as per IS specifications.
- V. The said materials should be stored and protected at site as per required specifications.
- VI. IE reserve the right to reject the approved source without notice, if it is found that the product proved to be unacceptable at any time.

With regards

Yours truly,

for L. N. Malviya Infra Projects Pvt. Ltd.



(Bharat Bhushan Vashney)

Team Leader

Encl.: Nil

Copy to: The Project Director, PIU, NHAI, Thane, for information, please, piuthane@nhai.org, piuthane@gmail.com



L.N. MALVIYA INFRA PROJECTS PVT. LTD

In association with **M/s Intratech Civil Solutions & Consultant**

Corporate Office: T - 10, IIIrd Floor, City Centre, Press Complex, Plot No. 1,
M.P. Nagar, Zone - I, Bhopal (M.P.) 462011, Tel./Fax : 0755 - 4295421
CIN no.: U45201DL2010PTC373715

Registered Office: Plot No. 29, F/F Sector - 11, Dwarka, New Delhi - 110078
Mob.: 9826452711, 7773000871, 9977004686, 9617777944 E-mail: Inmalviya@ininfra.com | Web: www.ininfra.com

Lr No: LNMIPL/NHAI/Kapp-Thali-Kodu/NH66/ME/2022-23/

Date: 17th September, 2022

To
The Authorized Signatory,
Kappirikkad Highways Pvt. Limited
Triprayar Thrissur
Kerala State.

Sub: Independent Engineering Services for Six Laning from Kappirikkad to Thalikulam Section of NH-66 (OLD NH-17) from Design Ch. 335.850 (Ex. Km 349.260) to Design Chainage 369+015 (Ex. Km 382+300) in the state of Kerala on Hybrid Annuity Mode (HAM) under Bharatmala Priyojana- Approval of Admixure & Curing Compound - Sunlight Conschem Corporation -Regarding

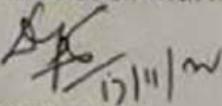
Ref: 1. IE Agreement signed, dated 28.06.2022.
2. Concessionaire Appointed Date 01.09.2022 vide Lr. No NHAI/12013/Kappirkkad-
Thalikulam /2022/Imp(E-163811) dated 17.09.2022

Dear Sir,

With respect to above subject cited, Submitted Credentials of Sunlight Conschem Corporation has been scrutinized by us and found satisfactory. Hence approving the Admixure & Curing Compound for usage in project highway works.

This is for your Information and records.

Thanks & Regards,
For L.N. MALVIYA INFRA PROJECTS PVT.LTD.
In association with M/s. Intratech Civil Solutions & Consultant.


Team Leader

CC: NHAI PIU Cochin for information.
Project Coordinator LNMIPL, Bhopal



A A K A R A B H I N A V

Consultants Pvt. Ltd.

AACPL/MMRDA/ AKN Ph-II/1484/436

Date: 02/11/2022

To,
The Project Manager,
J. Kumar Infraprojects Ltd,
16-A, Andheri Industrial Estate,
Veer Desai Road, Andheri (W)
Mumbai 400053, India.
Kind Attn. Mr. Piyush Srivastava.

Subject: Design & Construction of Elevated Road between Mulund-Airoli Creek Bridge
(Airoli End) and Thane-Belapur Road.

**Material of Admixture of SUNPLAST PC 5050 of Sunlight Conschem Corporation for the
Source Approval**

Ref: i) JKIL/Airoli Creek Bridge/PMC/730 dated 03/08/2022.
ii) JKIL/Airoli Creek Bridge/PMC/747A dated 30/08/2022.
iii) JKIL/Airoli Creek Bridge/PMC/757 & 758 dated 21/09/2022.

Dear Sir,

We are in receipt of the submitted credentials & MTC certificates from the manufacturer of the Admixture material of make SUNPLAST PC 5050 of Sunlight Conschem Corporation; vide your letter No. i) under reference above.

We have reviewed the submitted credential of the concrete ingredient which is approved for the source for concrete mix design purpose based on the successful test results of the 3rd party lab tests submitted vide letter No. ii) under reference.

We have also reviewed the concrete mix design cube test reports of 7 days and 28 days which have found satisfactory. Hence, we accord our approval to the source of material however, the material received at site shall be accepted after obtaining satisfactory lab test result.

This is for your information and action.

Thanking You,

Deepak Shende
(Team Leader)
Aakar Abhinav Consultants Pvt. Ltd.

C.C. to: Chief Engineer –MMRDA
For kind information please.



AAKAR ABHINAV

Consultants Pvt. Ltd.

AACPL/MMRDA/ AKN PH-II/1484/440

Date: 08/11/2022

To,

The Project Manager,

J. Kumar Infraprojects Ltd.

16-A, Andheri Industrial Estate,

Veer Desai Road, Andheri (W), Mumbai 400053, India.

Kind Attn: **Mr. Piyush Srivastava.**

Subject: Design & Construction of Elevated Road between Mulund-Airoli Creek Bridge (Airoli End) and Thane-Belapur Road.

Approval to the Mix Design using Admixture of brand SUNPLAST PC 5050.

Ref: i) JKIL/ACB/PMC/747A dt. 30/08/2022. ii) JKIL/ACB/PMC/757 & 758 dt. 21/09/2022

Dear Sir,

With reference to subject above we are in receipt of the design mix of concrete grade M45, & M60 vide your letter i) under reference based on the satisfactory 7 & 28 days' cube test results of the trial mix vide under reference ii). We have reviewed the trial mix result and witnessed the 3rd party lab tests which reports were found satisfactory. Hence, we accord our Final approval to the design mix of the concrete grade M45 & M60 with using **SUNPLAST PC 5050** of make Sunlight Conschem Corporation for the concreting of the permanent works, are as given below:

Ingredients		Cement	Micro Silica		Fly ash	CA - II	CA - I	FA - II	Water	Admixture	WC Ratio
Mix Design for M45 grade	Birla Shakti V.datta-53.	Vicat OPC-53.	Sun silica	Alco fine 1203	ASHT ECH	JKIL Quarry NANA	JKIL Quarry NANA	JKIL Quarry NANA	NMMC water supply	SUNPLAST PC 5050	%/Kg
136	425	-	-	-	102	541	537	738	158	1.2/ 6.32	0.30
137	-	425	-	-	102	541	537	738	158	1.2/ 6.32	0.30
Mix Design for M60 grade											
132	440	-	-	40	110	587	473	726	142	1.4/ 8.26	0.24
133	440		40	-	110	587	473	726	142	1.4/ 8.26	0.24
134		440	40	-	110	587	473	726	142	1.4/ 8.26	0.24
135		440		40	110	587	473	726	142	1.4/ 8.26	0.24

In case, the source & manufacturer of the concrete ingredients changes, revised mix design shall be submitted by the contractor along with satisfactory test reports of the materials and separate trial mix tests results shall be applicable. The summary of Trial Mix reports are enclosed herewith.

Thanking You.

Yours faithfully,

Deepak Shende
(Team Leader)

Aakar Abhinav Consultants Pvt. Ltd.

C.C. to: Chief Engineer -MMRDA for kind information please.

As Enclosed

OG/EPC/TL/Vol-9/1143.

Date: 05.11.2022

The Authorized Signatory,
M/s. J. Kumar Infraprojects Ltd.
Casting Yard, Najafgarh Bijwasan Road,
Dwarka, New Delhi - 77

Kind Attention: Shri R.B. Singh, Regional General Manager.

Sub: - Construction of Dwarka Expressway Package-2 in the State of Delhi on EPC basis (Job No. 12675) – Approval of Concrete M-50 Grade Mix Design (AMS-79).

Ref:- Your letter no. JKIL/NHAI/DWE/Pkg-2/1388 dated 31.10.2022.

Dear Sir,

Please find enclosed a copy of – Approved Concrete M-50 Grade Mix Design (AMS-79), submitted vide your letter under reference for your necessary action and record.

Thanking you and assuring you our best services at all times.

For Authority's Engineer
Dwarka Expressway Package-2



(Debasish Bhattacharyya)
Team Leader

Enclosure: 1 (One) Booklet.

Copy for information to:-

1. The Project Director, NHAI (PIU), 201E/A, 2nd Floor, D21, Corporate Park, (Near Dwarka Sector – 8 Metro Station), Sector – 21, Dwarka, New Delhi – 110075. Alongwith Enclosure
2. The Authorized Representative of AE, (Job no. 12675) ASSYSTEM STUP Consultants Pvt Ltd., Plot No. 77A, Shaheed Ripon Katiyal Marg, Sector-18, Gurugram, Haryana – 122015

Internal:-

SOME – Along with the copy of AMS-79 for your information & necessary action.
QCE – CBMP Along with the copy of AMS-79..

STUP Consultants Pvt. Ltd. In Association with M/s CEOMA Consulting
Project Office : 99-100, 2nd Floor, Sai Enclave, Dwarka, Sector-23, New Delhi-110077, India

STUP Consultants Pvt. Ltd.

Branch Office : Ishram Signature, Plot No. 5, Pocket B-10, Sector-13, Dwarka, New Delhi - 110078, India, Tel : 011-45616200, 45616300
Regd. Office : Unit No. 2702, 27th Floor, Rupa Renaissance, Plot No. D-33 & D-207, Juinagar, MIDC TTC Industrial Area,
Turbhe, Navi Mumbai, Thane, Maharashtra - 400703 India
CIN : U74999MH1963PTC012649 Tel: +91 (022) 68067777 E-mail : mumbai@assystem.com

OG/EPC/TL/Vol-9/1144

Date: 05.11.2022

The Authorized Signatory,
M/s. J. Kumar Infraprojects Ltd.
Casting Yard, Najafgarh Bijwasan Road,
Dwarka, New Delhi - 77.

Kind Attention: - Shri. R.B. Singh, Regional General Manager.

Sub.: Construction of Dwarka Expressway Package-02 in the State of Delhi on EPC basis – Approval of Mix Design of Various Grade Concrete for RCC, PCC, PILE. (AM5-80)

Ref: Your letter no. JKIL/NHAI/DEW/Pkg-2/1390 dated 03.11.2022.

Dear Sir,

Based on 28 (Twenty Eight) days Cube Test results of various trials, Mix Design for following grade of Concrete are hereby approved:-

Mix Design of M-15 (PCC), M-20 (PCC), M-25(RCC), M-30 (RCC), M-35 (RCC), M-40 (PILE).

The detailed Concrete Mix Design are enclosed with this letter.

The Performance and working cube test results of the aforesaid mixes will be reviewed from time to time. Please ensure strict quality control checks during concreting works.

Thanking you and assuring you our best services at all times.

For Authority's Engineer
Dwarka Expressway Package-2



(Debasish Bhattacharyya)
Team Leader

Enclosure:- 2 (Two) Booklets.

Copy of information to:-

1. The Project Director, NHAI (PIU), 201E/A, 2nd Floor, D21, Corporate Park, (Near Dwarka Sector – 8 Metro Station), Sector-21, Dwarka, New Delhi – 110075 Alongwith One Set of Enclosures.
2. The Authorized Representative of AE, STUP Consultants Pvt Ltd., Ishram Signature Tower, Near ISKCON Temple, Plot No. 5, Pocket B-10, Sector 13, Dwarka, New Delhi – 110078.

Internal:-

I/C Quality Control CBMP operation alongwith one set of enclosures.

STUP Consultants Pvt. Ltd. In Association with M/s CEOMA Consulting

Project Office : 99-100, 2nd Floor, Sai Enclave, Dwarka, Sector-23, New Delhi-110077, India

STUP Consultants Pvt. Ltd.

Branch Office : Ishram Signature, Plot No. 5, Pocket B-10, Sector-13, Dwarka, New Delhi - 110078, India, Tel: 011-45616200, 45616300

Regd. Office : Unit No. 2702, 27th Floor, Rupa Renaissance, Plot No. D-33 & D-207, Juinagar, MIDC TTC Industrial Area,

Turbo, Navi Mumbai, Thane, Maharashtra - 400703 India

CIN : U74999MH1993PTC012649 Tel: +91 (022) 68067777 E-mail : mumbai@assystem.com

MUMBAI METROPOLITAN REGION DEVELOPMENT AUTHORITY

Design and construction of Elevated Road between Mulund-Airoli Creek Bridge (Airoli-End) & Thane-Belapur Road

Name of Project
Name of Consultants
Name of Contractor

Aakar Abhinav Consultants Private Limited (AACPL)

PROJECT CODE 1484

J. Kumar Infraprojects Pvt. Ltd.

TRIAL MIX DATA

M/s. J.Kumar Infraprojects Pvt.ltd. (JKIL Casting Yard at Airoli)

Letter Trial No.	Source of Sample	UNIT	AACPL/MMRDA/AKN Ph-II/1484/440 dt. 08/11/2022					
			136	137	132	133	134	135
			M-45	M-45	M-60	M-60	M-60	M-60
Date of Trial			23-08-2022	23-08-2022	22-08-2022	22-08-2022	22-08-2022	22-08-2022
Cement - OPC	BIRLA SHAKTI VASAVDATT-53	KG	425	-	440	440	-	440
	VIKAT-53	KG	-	425	-	-	40	40
Microsilica	Sunsilica	KG	-	-	-	-	-	40
	Alcofine 1203	KG	-	-	40	-	-	110
Flyash	Ashtech	KG	102	102	110	110	726	726
C/Sand	NANA	KG	738	738	726	726	473	473
10mm	NANA	KG	537	537	473	473	587	587
20mm	NANA	KG	541	541	587	587	142	142
Water	NMMC water supply	KG	158	158	142	142	-	-
Admixture	SUNPLAST PC 5050	KG/%	6.32/1.20	6.32/1.20	8.26/1.4	8.26/1.4	8.26/1.4	8.26/1.4
Density of Concrete		KG/M ³	2507	2507	2526	2526	2526	2526
W/C Ratio			0.30	0.30	0.24	0.24	0.24	0.24
Flow/Slump		Flow	Slump	Flow	Slump	Flow	Slump	Flow
Initial		mm	-	Collapse	-	670	Collapse	660
60 min		mm	-	Collapse	-	620	Collapse	640
150 min		mm	-	180	-	460	180	470
180 min		mm	-	160	-	390	160	400
						410	170	160
						400	160	390
						400	160	160
Concrete Cube Compressive Strength Test Data								
7 Days (Avg Strength of Trial A+B)	In House Test	Mpa	45.91	46.29	57.10	58.22	56.60	56.67
28 Days (Avg Strength of Trial A+B)	In House Test		60.78	59.73	78.20	78.81	77.04	77.14
	NABL-Lab Test		-	-	-	-	-	-



RMC-Supplier

M/s. J.Kumar Infraprojects Pvt.ltd.



Contractor




Consultant

M/s. AACPL



MMRDA



L.N. Malviya Infra Projects (P) Ltd.

Office: C/o Suresh Kumar Vill. Bedli P.O. Bharoli Kutiara Teh- Jawalamukhi
Distt. - Kangra H.P. - 176036

Email-Id: lnmhamirpurbypass@gmail.com CIN No: U45201DL2010PTC373715

LNM/HBPL/HAMIRPUR BYPASS/2023/27

Dated: 04.10.2023

To
M/S Hamirpur Byepass Private Ltd.
Jandu Construction India Private Ltd.
A-21, Pushpanjali Enclave
Pitampura, Delhi - 110034

Sub: Regarding Source approval of Chemical Admixture SUNPLAST PC5050 in connection with 'Independent Engineer services for Construction of New 2 Lane with paved shoulder of Hamirpur Bypass of NH- 03 & 103 (Design Chainage Km 121+175 to 138+295, design length-17.120 km) in the state of Himachal Pradesh under NH (O) on Hybrid Annuity Mode'.

Ref: 1. JCIPPL/ Hamirpur Bypass/NHAI/2023-24/80 dated:20.08.2023
2. JCIPPL/ Hamirpur Bypass/NHAI/2023-24/113 dated: 30.09.2023

Dear Sir,

With reference to letter cited above, we have reviewed the credentials of M/s. **SUNLIGHT CONSCHEM CORPORATION** for procurement of Chemical Admixture **SUNPLAST PC5050** for the aforesaid Project. Accordingly, tests conducted in **Quality Testing Laboratories Ghaziabad (NABL accredited)** on dated 04.08.2023. Test results have been reviewed and conforms to stipulation of Standards & Specification. Hence proposed manufacturer **M/s. SUNLIGHT CONSCHEM CORPORATION** is provisionally approved for the procurement of Chemical Admixture **SUNPLAST PC5050** as mentioned above.

The testing and acceptance standards shall be followed as per clause IS: 9103 & Section 1012.3 of MoRT&H. The Third- party tests also to be carried out from NABL laboratory for fresh lots delivered at Project.

Thanking you

For L.N. Malviya Infra Projects Pvt. Ltd.

Authorized Representative of Head Office
(Engineer)



Regards,

(S.K. Chanda)

Team Leader cum Senior Highway Engineer
LN Malviya Infra Project Pvt. Ltd. in association
With Intratech Civil Solution & Consultant

Encl:

- i. NABL Tests Reports.
- ii. Credentials of Manufacturer.
- iii. Manufacturer Tests Reports.

Copy to- 1. The Project Director, NHAI, PIU, Hamirpur for kind Information.
2. M/s L.N. Malviya Infra Project Ltd, Bhopal for Information

Registered Office: Plot No. 29, F/F Sector 11, Dwarka, New Delhi - 110078

Corporate office: T-10, 111rd Floor, City Center, Press Complex, Plot No.1, M.P. Nagar Zone I Bhopal

Ref. No. TPFEPL/KOP-1190/NHAI/PIU-Kolhapur/IE /2024-25 /144

Date: 15.05.2024

To
Authorized Signatory,
Kolhapur Ratnagiri Highway Pvt. Ltd.,
Community Hall, Bldg No. 7A, Dwarkamai,
Gurusharanam Complex Vishrali Naka,
Panvel, Raigarh, Maharashtra, India-410206.

Project: Four laning of Ratnagiri – Kolhapur section of NH-166 for **Package - II** from km 67.140 to km 112.340 in the state of Maharashtra to be executed on Hybrid Annuity Mode under NH(O).

Subject: Review of Submitted Concrete Mix Designs of M-20 (PCC), M-30 (RCC), M35 (Pile), M-35 (RCC), M-40 (RCC) & M-50 (RCC) grade of concrete with Dalmia Cement (OPC - 53) for approval – Reg

Ref.: 1. Your letter no. KRHPL/NHAI/2023-24/292, date: 02.05.2024, received on 08.05.2024.

Dear Sir,

With reference to the above subject and letter cited above in ref, Concessionaire has submitted the lab trial concrete mix designs for M-20 (PCC), M-30 (RCC), M-35 (Pile), M-35 (RCC), M-40 (RCC) & M-50 (RCC) grade of concretes with Dalmia Cement (OPC - 53), fly ash (NTPC – Kodgi), JMMIPL Crusher aggregates & Sunplast admixture, conducted at project site laboratory located @ Ch.76+700 LHS with the following sources.

Source of Materials: -

Grade	Brand of Cement	Source of Course & Fine Aggregates	Source of Fly ash	Source of Water	Source / grade of admixture
M - 20 (PCC), M-30 (RCC), M-35 (Pile), M-35 (RCC), M-40 (RCC) & M-50 (RCC)	Dalmia (OPC - 53 grade)	JMMIPL Stone Crusher, located at Ch. 77+100 LHS	NTPC, Kodgi	Bore well at batching plant, located at Ch. 77+100 LHS	Sunlight Conchem / Sunplast PC 6050

We have been reviewed for 7 & 28-days compressive strength test reports of cubes & its corresponding materials test reports.

The materials used in the mixes are satisfying the physical & chemical properties as per IS: 383-2016 Specifications and the strength requirements are found satisfying as per section 1700 of MORTH (5th revision) Specifications.

Based on the lab trial results, the Concrete Mix designs (initial mix designs) of M-20 (PCC), M-30 (RCC), M-35 (Pile), M-35 (RCC), M-40 (RCC) & M-50 (RCC) grades are hereby provisionally approved.

As per clause no. 1704.2.2 of MORTH (5th revision) Specifications, the final approvals shall be accorded after submission of compressive strength test results of the cubes by considering concrete production plant and means of transport employed to make the trial mixes shall be similar those proposed to be used in the permanent works.

This is for your information and necessary action please.
Thanking you and assuring you of our best services at all time.

Yours Sincerely,
For TPF GETINSA EUROESTUDIOS S.L. in Joint Venture with
TPF ENGINEERING Pvt. Ltd. in Association with KAIUS CONSULTING PVT. LTD.


A. Radha Krishnaiah
Team Leader

Copy Submitted to: Project Director, Office of Project Director, NHAI, PIU-Kolhapur for information please.

**LEA Associates South Asia Pvt. Ltd.**

No. 1A, Bharathi Street. VGP Nagar,
Mogappair West, Chennai - 600 037
Mob. No: 9008270385 / 7760972565
Email: chennailevatedcorridor@lasaindia.com, www.lea.ca
Corporate Identification Number: U74899DL1993PTC055750

LASA/73910/AE/PKG 1-4/2024-25/081

Dated: 11th May 2024

To,
The Project Director,
J. Kumar Infra Projects Ltd & AzVirt LTD.
Prakash Towers, 2nd Floor, No 01,
Mettukuppam Main Road,
Maduravoyal Village, Saidapet Taluk,
Virugambakkam, Chennai – 600 092,

Subject: Construction of New Double Tier 4-Lane Elevated Corridor from Chennai Port to Maduravoyal in Chennai District from -0+342 Km to 20+593 Km on EPC mode under Bharatmala Pariyojana in the State of Tamil Nadu. – **Source Approval of Chemical & Mineral Admixture Brand – Reg.**

Ref:

- JKIL/CPC/PKG 1-4/AE/2024-2025/024, dt. 07.05.2024.
- LASA/73910/AE/PKG 1-4/2024/034 dt. 15.04.2024.
- JKIL/CPC/PKG 1-4/AE/2024-2025/014, dt. 12.04.2024.
- LASA/73910/AE/2024/014 dt. 04.04.2024.

Dear Sir,

With reference to the letter submitted vide reference cited above Sr. No. 01, regarding source approval for chemical & mineral admixture of the following brands,

1. M/s. Asian Paints India Ltd.
2. M/s. Concrete Additives & Chemicals (CAC) Pvt. Ltd.
3. M/s. Sika India Pvt. Ltd.
4. M/s. Sunlight Conschem Corporation.
 - a) Sunlight Conschem Admixture.
 - b) Sunlight Conschem Sunfine.
 - c) Sunlight Conschem Sunsilica (Micro Silica)

Based on the company credentials along with joint factory inspection, this office informs you that the above-listed brand products are permitted to be used in the construction of the subject project which is subjected to the following conditions:

1. Trial mixes shall be conducted & shall be confirmed by using the above source of admixture for structural concrete work, before use in permanent work.
2. The above source of admixture shall meet all the requisite standards and specifications of MORTH/IRC IS: 9103, IS: 6925 and IS: 15388.



3. Every consignment brought to the site should be supported with MTC.
4. Before the use of said materials, "Jointly Collected Sample", shall be tested in NABL approved laboratory for confirmation of physical properties, chemical composition and other parameters which shall meet all the requisite standards and specifications of MORTH, IRC & IS.
5. Stock/consumption registers of each product shall be maintained and shall be produced.

The right to reject the above source approval without prior notice is hereby reserved if it is found that the material has failed to comply with the specifications or the above conditions.

This is for your kind information and necessary action.

Thanking you

Yours sincerely,
For LEA Associates .

Copy forwarded to the following for information please:

1. The Project Director, NHAI, PIU-Chennai-1.
2. Authority Engineer, LEA Associates South Asia Pvt. Ltd., New Delhi

REF. NO.: GEDA/AE/RCL/KPR01/71
Date: 14.03.2024
To,

The Authorized Signatory
M/s RCL-PRLPIL JV
Bhaupur Road Near Delivery Courier Godown
Sachendi, Kanpur Nagar (UP), Kanpur-209304
Email- krr1@rclup.com, rclko@gmail.com

Subject:—Development of 6lane Kanpur Ring Road Green Field on EPC Basis in the state of Uttar Pradesh " Package- I from Sachendi – Maharajpur " (Length = 23.325 Km) Design Ch. 0.000 to 23.325 ,around Kanpur dist. In the state of U.P under NHDP Phase VII on EPC Mode –Final Approval of Concrete Mix Design M-15 (PCC),M-25(RCC),M-35 (RCC),M-35(PILES) and M-35(RE BLOCK) –With fly ash & without fly ash with J K SUPER and Ultratech OPC 43 Cement -reg

Ref:- RCL-PRLPIL(JV)/NAI/KRR/EPC/PKG-1/2023-24/199 dated 10/03/2024.

Dear Sir,

Based on your ref Letter RCL-PRLPIL(JV)/NAI/KRR/EPC/PKG-1/2023-24/119 dated 10/03/2024, We have reviewed and witnessed the above-mentioned Mix Designs It's proportion /calculation and compressive strength results, found them in an order. Accordingly, the above Mix Design of various Grades with Cement- J K SUPER and Ultratech OPC- 43 Grade, coarse aggregate -Kabari and fine aggregate (C.Sand) –Jalaun, Fly Ash–Parichha Thermal Power Plant ,Jhansi& Admixture – Kunal PC-50RK & Sun-plast PC-2550,final approved based on it's 28 days cube strength.

Mix design proportion for 1 cum concrete of above grade is as follows for aggregate in SSD condition.

(A) Mix Design (Without Fly ash): -

Cement : JK SUPER OPC 43 (II) Admixture : SUNPLAST PC-2550

Grade of Concrete	Cement (J K SUPER OPC 43) (kg)	W/C ratio	Water (kg)	Coarse Aggregate		Fine Aggregate C-Sand (kg)	Admixture (SUNPLAS T PC-2550) (kg)	Compressive Strength(N/mm ²)	
				20mm (kg)	10 mm (kg)			7 Days	28 Days
M-15 PCC	255	0.56	143	730	482	792	2.17	22.71	29.34
M-25 RCC	355	0.42	149	636	516	752	2.66	28.74	40.31
M-35 RCC	390	0.39	152	624	506	738	2.34	37.18	51.07
M-35 PILE	420	0.40	168	601	487	711	2.94	36.80	50.68
M-35 (For RE BLOCK)	415	0.34	141	-	942	928	1.04	37.21	52.33



Ref: GEDA/AE/RCL/KPR01/060

Date: 08.03.2024

To,

The Authorized Signatory
M/s RCL-PRPLIL JV
Bhaupur Road
Near Delivery Courier Godown
Sachendi, Kanpur Nagar(UP)
Kanpur-209304
Email- krr1@rclup.com, rclko@gmail.com

Project:- Development of Six Lane greenfield Ring Road (Package-I) starts from Design Ch. 0+000 to Design Ch. 23+325 (Length = 23.325 kms) around Kanpur city in the state of Uttar Pradesh on EPC mode. ii) Development of Six lane Greenfield Ring Road (package-IV) Starts from Design Ch. 68+650 to Design Ch. 93+209 (Length = 24.559 kms) around Kanpur City in the state of Uttar Pradesh on EPC.

Reg. - "Observations of TL Site Visit (05-03-2024) Pkg-1"

Dear Sir,

Refer to the subjected; please find attached observations made during visit on dated 05-03-2024.

Please compliance strictly within 10 days only. This is for your necessary action and continual improvement at site.

Thanks & Regards,



(Sanjeev Kumar) Team Leader

For G-Eng Advisory Services Pvt. Ltd. in JV with
M/s Dhruv Consultancy Services Ltd. In association with M/s Agnitio Infrastructure Projects Pvt. Ltd

Copy for kind information to: 1) The Project Director, Project Implementation Unit -Kannauj piukannauj@nhai.org
nhaikannauj@gmail.com
2) The Director, G-Eng Advisory Pvt Ltd Gurgaon.

in JV with
Bloom Companies LLC

CIN: U74210DL2007PTC166575

**Project Office: C/O Mrs. Sudha Keshri, W/o Arun Kumar Keshri, Village & Post: Chorma, P.s.:
Pakri Dayal, East Champaran, Bihar-845414**

marc.chorma_nh227f@yahoo.com

Marc-Bloom/IE/Chorma/NH-227F/23-24/120

Dated: 22.06.2024

To,
The Project Manager
Chorma - Bairgania Highways Pvt. Ltd.
Vill & Post: Pakridayal, Near Hero Showroom,
PS: Pakridayal, Dist- Motihari, Bihar- 845428
Email- cbhpl@dhariwalbuiltech.com

Subject: Inependent Engineering Services for the work of Rehabilitation and upgradation of Chorma- Bairgania section of NH-227f form Design Chainage Km. 0+000 to Km. 34.566 to two under lanes with paved shoulders in the state of Bihar under Bharatmala Pariyojna Phase-I on HAM Mode."- **Reg: - Source approval of the Chemical Admixture (Sun Light Conchem Corporation).**

Ref: - 1. Concession agreement date 21st June 2023.
2. DBL/Chorma-Bairgina/HAM/2023-24/335 Dated 14.06.2023

Dear sir,

With reference to the above subject, Submitted Credential of the company profile has been reviewed based on the submitted documents and found satisfactory.

The above source of concrete Admixture has been provisionally approved subjected to the following conditions:

1. Sample from the procured lot shall be sent for all physical and chemical Examination to the approved NABL accredited lab, and the product to be used only after confirming test result of the sample from the NABL.
2. The admixture shall meet the requirements stipulated in Clause 5.5 of IS: 456.
3. Each consignment of admixture should accompany the Manufacturer's Test Certificate.
4. Each consignment shall be subjected to independent third-party testing in the NABL approved laboratory the results shall conform to IS: 9103 and IS: 6925 MORTH specification.
5. Any material not meet out the prescribed standards should not be put to use.
6. The records of all material should compulsory be kept as a separate record and to be provide for Independent Engineer/Authority.
7. The approval will be withdrawn at any time without any prior notice if any deficiency found in samples.



Marc Technocrats Private Limited
in JV with
Bloom Companies LLC

CIN: U74210DL2007PTC166575

**Project Office: C/O Mrs. Sudha Keshri, W/o Arun Kumar Keshri, Village & Post: Chorma, P.s.:
Pakri Dayal, East Champaran, Bihar-845414**

 marc.chorma_nh227f@yahoo.com

Marc-Bloom/I/E/Chorma/NH-227F/23-24/120

Dated: 22.06.2024

This is for your information and necessary action please.

With regards,

For Marc Technocrats Pvt. Ltd. In JV with Bloom Companies LLC.



**Team Leader cum Senior Highway Engineer
Independent Engineer**

Encl: Credential Attached

Copy to: NHAI PIU Motihari - for kind information.



LION ENGINEERING
CONSULTANTS PVT. LTD.

ASSOCIATION



ABHISHIRA INFRASTRUCTURE
CONSULTANTS PVT. LTD.

Project Office- H.No. 35/3/1 Vancio Waddo Guirim, Near Bank of Borada Mapusa, GOA, Pincode - 403507 goa.elevatedcorridor.gov.in

Letter no. LECPL/AE4423/Goa/2024/ 100

Dated: 16.07.2024

To,

M/s RRSM Infra Private Limited, and M/s Anil Das(JV),
Floor No- H.No.784/4, Ground Floor
Bardez Alto Porovim Penha De Franca, Dist.
North Goa, Goa-403521
Email: info@rrsminfra.com, goa@rrsminfra.com

Sub: Construction of Six lane Elevated corridor from Km 508.00 to 513.150 including approaches on NH- 66 in the states of Goa on EPC mode. Reg: Review of Profile and Credential for Source approval of Admixtures.

Ref: 1-Your office Letter No RRSM/Goa/NH-66/2024-25/ 146 Dated 04/07/2024

2- Our office Letter No LECPL/AE-4423/Goa/2024/ 09 Dated 27/05/2024

Dear sir,

This has to reference of your letter under reference- 1 wherein you have submitted Co Profile and Credential for source approval of M/s Rheoplast Technology Pvt. Ltd, M/s STP Limited, M/s Unirock Chemicals Pvt Ltd and M/s Sunlight Conschem Corporation.

This office has already accorded approval of M/s Fosroc, M/s Chryso and M/s Kunal Conchem Pvt. Ltd vide our letter under reference -2

Further this office has reviewed proposals of M/s Unirock Chemicals Pvt Ltd and M/s Sunlight Conschem Corporation, hence approval for procurement of Admixtures are accorded to use in concrete works from M/s Unirock Chemicals Pvt Ltd and M/s Sunlight Conschem Corporation Subjected to the following conditions:

1-Each Consignment to be delivered at site shall have the manufactured Test Certificate and shall be kept for Authority Engineers verifications

2- Before using the material, trial mix design for concrete shall be conducted and satisfy the compatibility requirement.

3-It is requested to kindly ensure the quality of supplied material by testing of physical & Chemical requirement of Chemical Admixtures (confirming with IS: 9103:2018 at camp laboratory as per MoRT&H table-900-6 Specifications and arrange Third Party lab testing for each Consignment.

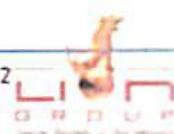
4-If the any material found defective at any stage of construction the same shall have to be removed immediately from site.

This is being submitted for your compliance and necessary action.

Corporate Office : "LION TOWER", Plot No. 97, Elegant Estate, Bairagarh Chichli, Kolar Road, Bhopal-462042
(M.P.),

0755-2879499
info@liongroup.in, www.liongroup.in
23AAECL1510B1ZG

corporate@liongroup.in,
CIN:U74999MP2020PTC050788 GSTIN:



Thanking you and assuring Our best services at all

For - Authorized Signatory
LECPL-JV-AICPL



(Sunil Srivastava)
Team Leader

Copy to: -

1. Executive Engineer PWD Div. VII, Panjim Goa for Information please.
2. Assistant Engineer, Sub Division II, WD VII, (NH) PWD, Mapusa, Goa for information.
3. Corporate office LECPL -JV-AICPL, Bhopal for information.

Corporate Office : "LION TOWER", Plot No. 97, Elegant Estate, Bairagarh Chichli, Kolar Road, Bhopal-462042
(M.P.),

0755-2879499
info@liongroup.in, www.liongroup.in
23AAECL1510B1ZG

corporate@liongroup.in,
CIN:U74999MP2020PTC050788 GSTIN:



TPFSITC/NHAI/GJ/SMC-AX/2024-25/ 2189

Dated:- 21.10.2024

Mr. Yogendra Kumar Kamboj,
Sr. Project Manager
M/s APEX Tarmae-Pvt.Ltd-Varun Procon Pvt. Ltd (JV)
NH-48, Ahmedabad Road, Himmatnagar,
Piplodi, Near Honda Showroom, Himmatnagar,
Gujarat-383001.
Email- apex.smprojects@gmail.com

Project: Balance work of Six Lanning of Shamlaji-Himmatnagar from km401+200 to Km 494+410 (design Chainage from km 447.385 to km 540.595) Length 93.210 km section of NH-48(old NH- 08) in the state of Gujarat on Single Percentage Item Rate Contract. **Reg. Source approval for Admixture, Water Proofing and Concrete Aid.**

Ref: (1) Contractor's letter no. APEX-VARUN (JV)/SMC/NH-48/IE/2024/154 Dated 10-10-2024

Sir,

This is in reference to contractor's letter no.(1) cited above, in which you have submitted the credential and company profile of **M/s STP Limited** & **'M/s Sunlight Conschem Corporation'**, for source approval of Admixture PC, Water proofing ,(3) Concrete Aid. The Independent Engineer has scrutinized the submitted credential & company profile have been reviewed and found in order as per IS 9103, IS 6945, IS 2645 & IS 15388.

In view of the above, the Independent Engineer here by approved provisionally final approval to **M/s STP Limited** & **'M/s Sunlight Conschem Corporation'** shall be subjected to following conditions:

- (1).The recommendation of standard dosage is to be fixed based on the conformity trials executed on site laboratory, before use in permanent work.
- (2).The above sources of admixture PC, Water proofing& Concrete Aid shall meet all the requisite standards and specifications of MoRT&H Clause 1012.3.2, IS: 9103, IS: 6925, IS 2645 & IS: 15388
- (3).Before the use of above said materials, jointly collected sample shall be tested in NABL approved laboratory for conformation of physical properties, chemical composition and other parameters which shall meet all the requisite standards and specification of MoRT&H and IS Code.
- (4).MTC and Invoices shall be provided for each lot of the above materials when brought at site for review. Stock/consumption registers of each products shall be maintained.

(5).Each lot of the consignments (Admixture, Water proofing & Concrete Aid) shall be got tested in NABL approved third party laboratory as per IS: 9103, IS: 6925, IS 2645, IS: 15388, ASTM C-309, ASTM-D 156-98 & MoRT&H Clause 602.9.12

(6).At any time during testing, if the above said materials are found non-conforming to the specification, the same shall be rejected and whole lot will be deemed to be rejected.

This is for your information and further necessary action.

Thanking You,

Sincerely Yours



1. Project Director, National Highways Authority of India, PIU 3A & 3B, 2nd Floor Amul Building, Near Dena Bank, Vejalpur Road Jivraj Park, Ahmedabad, Email:ahd@nhai.org for information please.
2. TPF Getinsa Euroestudios & Sterling Indotech Pvt Ltd

Team Leader Office, ShamlaJi

Ganesh Ceramic Compound, NH-8, Motipura, Dist.- Sabarkantha,
Gujarat-383001, Email: t.shamlaJi@sterlingindotech.com

PURCHASE ORDER

BSCPL Infrastructure Ltd.

B-2-502/1/A, JIVI Towers, Road No.7, Banjara Hills, Hyderabad - 500 034.
 Tel : +91 40 23307704, 23307831, Fax : +91 40 23307385, Web : www.bscpl.net
 CIN : U45203TG1998PLC029154



PURCHASE ORDER

		PO No.	BSCPL/MSRDC/HO/144 Dt.28.12.2019									
Sunlight Conschem Corporation 801, Shweta Apartments, 117/H-1/499, Pandu Nagar, Kanpur, UP-208005		Sub:	Supply of Admixture for our Nagpur - Mumbai Communication Expressway (MSRDC) project									
Contact Person-1: Mr. Prateek Gupta E-mail: prateek.jeewan@gmail.com Mobile No: +91-9415133508, 9984361590		PR No:	MAT/057/2019-20 Dt.10.12.2019									
GST No		Ref:	Our P.O No. 112 Dt.05.10.2019, 115 Dt.17.10.2019, 130 Dt.18.11.2019 & 135 Dt.26.11.2019 Subsequent discussions held between us till date.									
		Our GST No 27AAACB8316K1ZL										
Project: Construction of Access controlled Nagpur - Mumbai Super Communication Expressway (Maharashtra Samruddhi Mahamarg) in the state of Maharashtra on EPC mode for Package 13, from KM.577.739 TO 623.379 (Section - Village Sonari to Village Taranganpada) in District Nashik.												
With reference to your above offer & subsequent discussions and correspondence we had with you till date, we hereby release this order on you for Supply of Admixture at our MSRDC Road project project as per the price, details, terms & conditions given below. All other terms & conditions and scope of the order are detailed below and attached herewith as annexure.												
1 Scope of the order & total order value												
S.No	Item Description	Product Name	Quantity	Unit Rate Rs.	Value Rs.							
1	Supply of PC base Admixture for Structural works (Empty Barrels are returnable)	Sunplast PC 4050	21000 KGs)								
SUB TOTAL:												
GST @ 18%:												
TOTAL ORDER VALUE:												

Rupees

COMMERCIAL TERMS & CONDITIONS

The unit rates given in this order are fixed and firm during contractual delivery period and not subject to any escalation what so ever. However we reserves the right to amend the order in the event of any changes in specification, quantities and delivery schedules and other terms conditions, with mutual consent.

S.No	TERMS & CONDITIONS
2	Price Basis: The price basis is CIF our site. The price indicated in this order is fixed & firm till completion of the order and no escalation whatsoever is applicable.
3	Packing & Forwarding: P&F is Included in your scope of supply.
4	Taxes: GST @ 18% is included in the total order value as detailed in Sl.No.1.
5	Transportation Charges & Transit Insurance: Transportation Charges & Transit Insurance are included in your scope of supply & in the total order value.
6	Delivery: You shall supply the material within 7 days from the date of this order or on intimation of our site Co-ordinator. Our site Co-ordinator will inform you the delivery schedules & quantities regularly. You need to interact with our site Co-ordinator and organize the supplies as per the schedules given to the respective site locations. You shall deliver the material along with all test certificates as directed by our site Co-ordinator. In case of delay beyond the agreed delivery dates, liquidated damages at the rate of 0.5% per week subject to maximum of 5% of the order value will be levied on you.

PURCHASE ORDER

To	M/s.IRIDIUM CHEMICAL 801 Shweta Apartment, 117/H-1/499 Pandu Nagar Kanpur-208005	PO No: GVPR/NMSEM /19-20/699 Dt:18.11.2019
Name:	Mr.Pratsek Gupta 9415133506/ 9984361590	Project: NMSEM,Nashik
E-mail:	iridiumchem@gmail.com	PR No: 1006 Dt:25.10.2019
GSTIN:	09AGWPG2365E1Z5	Our Maharashtra GSTIN :27AAACG7614F1ZS
PAN No:	AGWPG2365E	
Your Quotation:	Offer Dt:05.11.19	

With reference to your above mentioned offer and subsequent discussions, we are pleased to release PO for supply of below items with the Terms & Conditions mentioned below and as per the annexure II

SL.No.	HSN Code	Place of Delivery	UOM	Quantity	Unit Rate Rs.	Amount
1	3824	Supply of SUNLIGHT make admixture-Sunplast PC 4050	Kg (230 Kgs Drum)	30,000		
			Sub - Total	30,000		
					Freight & Insurance	
					Packing & Forwarding	
					IGST@16%	
					GRAND TOTAL	

Value in words: Rupees

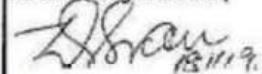
TERMS & CONDITIONS:

1	Price Basis	F.O.R Site
2	Price Variation	The prices are firm till complete supply of Ordered Quantity.
3	Loading Charges	Inclusive
4	GST	As Mentioned Above
5	Freight & Insurance	As Mentioned Above
6	Test Certificates	You shall submit the test Certificates along with the Consignment
7	Delivery Schedule	As per Site Requirement
8	Payment Terms	100% payment within 40 days from the date of receipt of the material at our site.
9	Unloading At Site	Will be done at our site by GVPR
10	Empty Drums	Empty Drums/Barrels will be returned to you after utilizing of Admixture
11	Invoice	Your Invoice shall include HSN Code of material, GST No of both purchaser & supplier, our PO No etc., without which payment will not be processed.
12	Billing Address:	M/s. GVPR Engineers Limited, 1-6-54,Shree Nagar,Hanuman Mandir Road,Nanded,Maharashtra-431602
13	Delivery Location:	M/s. GVPR Engineers Limited, House No 2900/4,Row House-4,Old Agra Road,Near Ramdev Ji Baba Mandir,Gholi Bunk,Igatpuri-Taluk,Nasik Dist,Maharashtra-422402 Contact Person:Mr.Satyayanayana-9877032811
14	Other Terms & Conditions	All other terms & conditions will be as in the attached Annexure-I
15	Order Acceptance	Please send PO acceptance duly signed & stamped on all pages of PO within two days, otherwise it will be treated as deemed acceptance

Accepted By

For IRIDIUM CHEMICAL

For GVPR Engineers Ltd.,


13/11/19

Authorised Signatory

Authorised Signatory

GVPR ENGINEERS LIMITED

(CIN : U45201TG1997PLC028680)

REGD. OFFICE : # 6-2-293 / 82 / A, Plot No.739-A, Road No. 37, Jubilee Hills, Hyderabad - 33, Telangana, INDIA
P : 040 6658 6658 | F : 091-40-6658 6666 | E : info@gvpr.co.in | W : www.gvpr.co.in

BRANCH OFFICE : #103, Lalhazar Apartments, 45/1-2, Palace Road, Bangalore - 560 001, KARNATAKA.

PURCHASE ORDER

GAWAR CONSTRUCTION LIMITED

SF-01, JMD GALLERIA SECTOR - 48, SONHA ROAD

GURUGRAM (HR)-122001

DATE 27/05/2019

GCL/PO/19-20/037

IRIDIUM CHEMICAL

801 SHWETA APARTMENT, 117/H1/499

PANDU NAGAR,

KANPUR - 208005

MOB. 9415133506

DELIVERY TO:-
GAWAR CONSTRUCTION LIMITED
BHAROLI CAMP ESAGARH (ASHOKNAGAR)

INVOICE TO:-
GAWAR CONSTRUCTION LIMITED
CIVIL LINES ROAD, TIKAMGARH(M.P)
GST NO.: 23AADCG1026A1ZL

CONTACT PERSON- ALOK SINDHU

7206202216

With reference to our discussions with your good self, we are pleased to release a supply order for ADMIXTURE

SR. No.	PART NO.	DESCRIPTION	QTY	UOM	Price	Total
1		SUNPLAST PQ 4050	5060	KG	Rs.	Rs.
			TOTAL			Rs.
			GST 18%			Rs.
			G. AMOUNT			Rs.

TERMS & CONDITIONS

1. PAYMENTS TERMS - ADVANCE
2. DELIVERY - AFTER 2 DAYS
3. TRANSPORTATION - INCULSIVE

PROPOSED BY

GAWAR CONSTRUCTION LIMITED

AUTHORISED SIGNATORY

J.KUMAR INFRAPROJECTS LTD

16-A, Andheri Industrial Estate
Off. Veera Desai Road, Andheri(W)
Mumbai-400058
CIN:L74210MH1999PLC122886

**PURCHASE ORDER**

Business Unit : MML-3 PKG05(BKC RMC PLANT) :Bandra Kurla Complex, G Block,Behind Ongc Building, Near Standard Chartered Bank,BANDRA EAST GSTIN-27AAACJ9161C1ZP

Dev Industrial Corporation - NEW GST 503, Maganlal Chambers, B. B. Marg, Iron Market, Carnac Bunder, Masjid Bunder East, GST LOCATION- MAHARASHTRA GSTIN- 27AACPB8639G2ZQ db@devholdings.in PAN:- AACPB8639G	Order No. :	BKPOIND/00120/22-23	Mode of Transport:	By-Road
	Order Date :	01-11-2022	Delivery Address:	
	Quotation No. :		J.KUMAR INFRAPROJECTS LTDG-BLOCK , BEHIND ONGC BUILDING,NEAR STANDARD CHARTED BANK MUMBAI,MAHARASHTRA,INDIA 400058 GSTIN- 27AAACJ9161C1ZP	
	Quotation Date :		Contact Person- Mr.Pravin Mishra Contact No- 8898945308 / 09167224810	
	Kind Attention :	Dev Mahesh Rhotra		
	Tele- :	9870236699		

Please supply the following Materials/items in accordance with your Quotation and subject to following terms and conditions.

SINo.	Code	HSN	Description	Unit	Quantity	Rate	Amount	Indent No.	Delivery
1	GCCAD M0002	38244010	Admixture - PC Base Sun Plast 3050	KGS	50,000.000			BKINDREQ/000 87/22-23	
BASIC									
CGST									
SGST									
Gross									

Credit :- 60 days from Bill Submission Date.

Rate Basis :- Free on Road

Terms & Conditions:

PR NO:- 2980 DATE:-29/10/2022

1. Tax: GST @ Extra As Per Applicable.
2. Transport: inclusive.
3. Payment: 60 days, after receipt of proper bill attached with certified challan copy & manufacturer test certificate.
4. Unloading: will be done by us.
5. Delivery: 5 MT immediate balance delivery as per schedule.
6. Specification: material shall be supplied as per approved technical data sheet.
7. All material shall conform to relevant IS code.
8. Material shall be supplied along with MTC.

Created By: J.K. Sarwan Yadav

For, J.KUMAR INFRAPROJECTS LTD

Authorised Signatory



QF992502
PURCHASE ORDER

Page 1/2
Signed Copy

AFCONS INFRASTRUCTURE LTD

Post Box No. 11978, AFCONS House, 16, Shah
Industrial Estate, Veera Desai Road, Azadnagar
P.O., Mumbai 400053 India
Tel.No.91-22-6719 1000
Fax.No.91-22-2673 0047/ 2673 0026



Supplier : 120218 IRIDIUM CHEMICAL EIGHT FLOOR, 801, SHWETA APATMENT 117/H-1/499, PANDU NAGAR, Kanpur Nagar, Uttar Pradesh, 208005 Kanpur Nagar, Uttar Pradesh, 208005 Uttar Pradesh India	Purchase Order No : 4500508207 Project : 1331 Construction of Elevated Flyover at Grade Rd - EPC Payment Terms : 60 Days Credit Incoterms: CPT-PROJECT SITE PATNA Billed To : AFCONS INFRASTRUCTURE LTD, 1331-BSRDC Elevated Road Project, D8, Sudha Home Town, Parsa Sampachak Road, Patna, Bihar 804453, Shipped To: AFCONS INFRASTRUCTURE LTD, 1331-BSRDC Elevated Road Project, D8, Sudha Home Town, Parsa Sampachak Road, Patna, Bihar 804453,									
Tel No : 9415133506 Fax No : Email No : iridiumchem@gmail.com	Contact :									
Contact : PRATEEK GUPTA / 9415133506	Billed to GSTN : 10AAACA9067G1Z0									
Supplier GSTN: 09AGWPG236SE125										
Sr No.	Item Description	Quantity	UOM	Delivery Date	Base Rate(INR)	Discount	Net Rate	Tax%	HSN/SAC	Total Amount (INR)
1	47310007 - Slurry Pouch 250Gm Brand: Sunlight Conschem CorporationPacking: 210 GM per pouch	700.000	NOS	20.11.2022				28.00	841370	

Total Value in Words :

IGST Amount:

Total Amount :

Taxes applicable are as following :

1. 14 - 28% Input Tax IGST

Remarks

REF. Repeat PO: 4500505579, Dated 27.10.2022

1. Payment-After 60 days from the date of materials receipt, acceptance at site & Submission of Original Invoices.
2. Delivery- Within 7 days from the po date.
3. Freight-FOR. All expenses of transportation including Transit Insurance & Govt. Levies etc. will be in your scope.
4. Warranty - As per manufacturer's norms. Packing date of materials should be from latest lot.
5. In case of materials rejection, Supplier will be fully responsible to collect materials from our Site at it's own cost and arrange immediate replacement otherwise Late delivery clause will be applicable.
6. Late Delivery Clause- If any item is not delivered in accordance with the delivery schedule stipulated in LOI / Purchase Order and if the delay in

Checked By

For AFCONS INFRASTRUCTURE LTD

Note : Acceptance of this order constitute an acceptance of the terms and conditions on face reverse thereof.

Effective July 01, 2021, tax shall be deducted at source (TDS) @ 0.1% (5% in absence of an invalid / no PAN) u/s 194Q of the Income-tax Act, 1961 on all payments to seller for purchase of any goods (single or aggregate) exceeding INR 50 lakhs during the year. Buyer shall issue TDS certificate in Form 16A so that seller can claim due credit of TDS. Consequently, TCS (tax collected at source) u/s 206C(1H) do not apply and cannot be collected by sellers.

Indent Ref : .2000326342Dtd.10.11.2022

PURCHASE ORDER

Supplier	: IRIDIUM CHEMICAL (1303916)	OrderNo	: 11057669
Address	: 801, SHWETA APARTMENT, 117/H1/499 PANDU NAGAR, KANPUR 208005 UP KANPUR - 208005, UTTAR PRADESH	OrderDate	: 15.04.2019
Contact	:	PAN	: AGWPG2365E
Contact No	:	GST	: 09AGWPG2365E1Z5
Email	: IRIDIUMINT@YAHOO.COM	Quote No	:
QuoteDate	:	Contact	:

Dear Sir, Please arrange to supply the below mentioned items as per rates & items stated herein.

Sr	Code	HSN	Description	Unit	Qty	Rate	Amount
1	13000285	38244090	ADMIXTURE FOR STRUCTURE	KG	5,000		
GST			: 09AADCS0852Q1ZU	Basic Price			
JURISDICTION			: AHMEDABAD	IN: Central GST@9.00			
				IN: State GST@9.00			
				Grand Total			

In Words:

Billing Address	Delivery Address
LUCKNOW RINGROAD SADHAW ENGINEERING LIMITED VILLAGE/POST - KAKRABAD, NEAR JEHTA MALL ROAD, LUCKNOW - 226102, UTTAR PRADESH	AS PER DELIVERY SCHEDULE

Indent No: 0011009752/14.04.2019

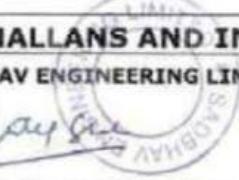
Payment Term	Credit	Delivery Detail
60 DAYS AFTER RECEIPT OF MATERIAL AT SITE	60	IMMEDIATELY

Sr	Term	Description
1	AGAINST FORM NO	: GST
2	TEST CERTIFICATE	: MATERIAL SHOULD BE DISPATCHED ALONG WITH TEST CERTIFICATE OTHERWIST IT WILL BE REJECTED AT YOUR RISK AND COST
3	TRANSPORTATION	: INCLUSIVE IN PRICE
4	IN-TRANSIT INSURANCE	: TO SELLER'S ACCOUNT
5	WARRANTY/GUARANTEE	: AS PER COMPANY STANDARD NORMS
6	WEIGHT SHORTAGE	: WEIGHT SHORTAGE BETWEEN ACTUAL RECEIPT AT SITE AND D.C. WEIGHT EXCEEDING 0.5% SHALL BE REDUCT'D FROM THE BILL
7	CUSTOMER CATEGORY	: CONTRACTOR
8	SERVICE SUPPORT	: THE EMPTY BARRELS ON RETURNABLE BASIS TO YOUR COST WITHIN 2 MONTHS FROM THE DATE OF SUPPLY

Remarks:

Sr	ItemName	POQty	Delivery Date	Delivery Address
1	ADMIXTURE FOR STRUCTURE	5,000.000	15.04.2019	LUCKNOW RING ROAD VILLAGE/POST: KAKRABAD NEAR JEHTA MALL ROAD, TEHSIL/DISTT: LUCKNOW

NOTE : PLEASE MENTION PO NUMBER IN ALL DELIVERY CHALLANS AND INVOICES

		 Sadbhav Engineering Limited Authorized Signatory
Prepared By	Checked By	

KRAM INFRACON PVT. LTD.

C1-M , SECTOR 133 , WISH TOWN
NOIDA-201304

TEL: 0120-6764456/58



KRAM INFRACON

PREPARED BY

CHECKED BY

AUTHORISED SIGNATORY



Ref. No.: SBE/Lakhimpur/PO/19-20/78

Date: 28-12-2019

To

Iridium Chemical
801 Shweta Apartment, 117/H1/499 Pande Nagar,
Kanpur-208005.

Kind Attention, Mr. Prateek Gupta

Mob No- 9415133506

Subject: Supply Of Admixture

Ref. No : Q01632/July/19

Dear Sir,

With reference to your offer dated 03.08.2019 and subsequent discussion we had with you, we are please to issue this Purchase order for supply of following spares:

S.NO	Product Name	DESCRIPTION	Unit	Packing Size	QTY	Price/kg.	AMOUNT
1	Sunplast PC 2550	Admixture	Kg	HDPE Drums	255	5.0 MT	
BASIC AMOUNT							
GST @18%							
TOTAL							

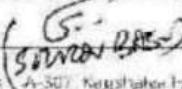
Terms & Conditions:

1. This Purchase Order shall be acknowledge & accepted by you within 24 hrs. of receipt. If no acceptance is received within 24 hrs. it will be deemed to be accepted by you.
2. Above prices are on Ex-Godown Kanpur Basis.
3. Freight/ transportation: Inclusive
4. Delivery: Immediate after Receipt of purchase order.
5. Payment Terms: As per mutual understanding.
6. Purchase order no. must appear on invoice.
7. The Quality & Quantity should be exactly as per description of materials & in the event any description is noted by consignee or at site the material may be rejected by us.
8. Delivery shall commence immediately on receipt of this order/e-way bills shall be provided by you.
9. Shipment Address: M/s Sri Balajee Enterprises, Base Camp, Meerpur Near RTO Office, Lakhimpur-Kheri, Utter Pradesh - 262701
10. Contact Person: Mr. Panku Mishra, Mob No: 91109906163

You are requested to return one copy of this Purchase Order duly signed as a token of your acceptance.

Regards,

For Sri Balajee Enterprises,


 (Panku Mishra)
 (Authorized Signatory)

Sri Balajee Enterprises
 A-307, Neelshahar Estate, Old Bungalow Road, Pande Nagar-208005
 E-mail: sribalajee@gmail.com | +91 9409805950, +91 9914572300



Material Purchase Order

Date : - 28/12/2019

PO Ref. #	:	SCC/RD001/MATPO/19/00452	Revision #	:			
Company	:	SCC Infrastructure Private Limited	Supplier Code	:	MS1103		
Billing Address	:	4th Floor, 401 - Dream Heights 2, B/H HP Petrol Pump, Sevagram Road, Wardha, Maharashtra - 442001	Supplier	:	Iridium Chemical 801, Shweta Apartment, 117/H/499 Pandu Nagar, Kanpur, 208005, Uttar Pradesh, India		
Company Tax Details	:	TIN No. - CST No. - PAN No. - AAWCS1330A	Supplier Tax Details	:	TIN No. - CST No. - PAN No. - AGWPG2365E		
Contact Person	:	Mr Shyam Tiwari	Supplier Contact Person	:	Prateek Gupta		
Contact Number	:	9891605828	Contact Number	:	9415133506		
Project (Delivery Address)	:	RD001 - Sevagram Wardha Road SCC Infrastructure Pvt Ltd, Madni Sevagram, Wardha, 442102, Maharashtra, India	Suppliers Ref. #	:			
Recipient GSTIN	:	27AAWCS1330A1ZJ	Currency	:	INR		
Place Of Delivery	:	Maharashtra	Supplier GSTIN	:	09AGWPG2365E125		
Place Of Origin	:	Uttar Pradesh					
St. No.	Item Description-Specification	UoM	Qty	Rate Before Disc.	Total Disc. (%)	Rate After Disc.	Total Amount
1	Admixture [kg]- Sunplast PC62550 [44 Drums having quantity 225kg per drum]	Kg	9,900.00		0.00		

Sub Total

Tax Name	Tax Detail	Tax Rate	Eligible Amount	Total Tax Amount
Goods and Service Tax	Interstate GST	18.00		

Taxes

Total

Amount In Words: INR

Remarks			
Payment Terms	Payment after 15 days from Invoice Date	Through (Agency Name)	N/A
Transportation	FOR At Site	Insurance	Not Applicable
Delivery Date	01/01/2020	Unloading	SCC Scope

Jay Soni

Prepared By

SCC
Approved By



|| यह हनुमत स्वाक्षर कार्य है। ||

Corporate Address:
SCC Infrastructure Private Limited

104, Sumel - II, Near Gurudwara, S.G. Highway, Thaltej, Ahmedabad - 380054, Gujarat, India
Tel: +91 (79) 2684 0733, Fax: +91 (79) 2684 0717, Web: www.sccinfrastructure.com, Email: admin@sccinfrastructure.com



ATCON INDIA LTD.

Dated 14-01-2020

M/s IRIDIUM CHEMICAL
801 Shweta Apartment, 117/H1/499 Pandu Nagar,
Kanpur (UP).
(Shri Prateek Gupta Mob.: 9984361590)

Sub.: PO for supply of Material.

Sir,

In reference to our discussion, we are pleased to place PO for supply of material to our Anuppur Project (MP) as per details:

Sr No.	Material/Product	Qty.	Rate (Rs per KG)
1	Sunplast PC 5050	50 drums	+GST FOR Site

Billing Address:

Atcon India Ltd.,
UNIT NO 77 TUELIP, NEAR UNDER BRIDGE,
WARD NO-12, SWAMI VIVEKANAND,
Anuppur, Madhya Pradesh, 484224
GST No.23AADCA0948H1Z0

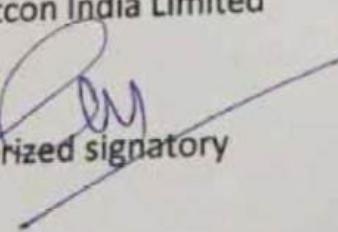
PAN No. AADCA0948H

Delivery address:

Atcon India Limited,
Village: CHACHAI CAMP, Tehsil-PushpRaj Garh,
Distt.: Anuppur (MP)

Cont. Person: Yogender Singh: 7247508773/9451488536

Yours faithfully,
For Atcon India Limited


Authorized signatory



ATCON INDIA LTD.

Dated 03-12-2019

M/s IRIDIUM CHEMICAL
801 Shweta Apartment, 117/H1/499 Pandu Nagar,
Kanpur (UP).
(Shri Prateek Gupta Mob.: 9984361590)

Sub.: PO for supply of Material.

Sir,
In reference to our discussion, we are pleased to place PO for supply of material
to our Bhandara Project (Maharashtra) as per details:

Sr No.	Material/Product	Qty.	Rate
1	Sunplast PC 4050	50 Drums	FOR Site

Billing Address:

Atcon India Limited,
Plot No 50, Survey No.407, THAK No. 146,
MOUZA GANESHPUR, TAH.: BHANDARA
BHANDARA (MAHARASHTRA) 441904

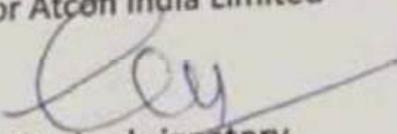
GST No.27AADCA0948H1ZS PAN No. AADCA0948H

Delivery Address:

Atcon India Limited,
Village: PENDRI (SONEGEON), Near Zila Parishad school
Taluka : PAONI
Distt. BHANDARA (MAHARASHTRA) 441 903

Cont Person : Shri ROHIT PAUL Mob.:93222 14446

Yours faithfully,
For Atcon India Limited


Authorized signatory

BSCPL Infrastructure Ltd.

8-2-502/1/A, JIVI Towers, Road No.7, Banjara Hills, Hyderabad - 500 034.
Tel : +91 40 23307704, 23307831, Fax : +91 40 23307385, Web : www.bscpl.net

CIN : U45203TG1998PLC029154



PURCHASE ORDER

Sunlight Conschem Corporation 801, Shweta Apartments, 117/H-1/499, Pandu Nagar, Kanpur, UP-208005		PO No.	BSCPL/MSRDC/HO/135 Dt.29.11.2019																															
Contact Person-1: Mr. Prateek Gupta E-mail: prateek.jeewan@gmail.com Mobile No: +91-9415133506, 9984361590		Sub:	Supply of Admixture for our Nagpur - Mumbai Communication Expressway (MSRDC) project																															
		PR No:	MAT/050/2019-20 Dt.15.11.2019																															
		Ref:	Our P.O No. 112 Dt.05.10.2019, 115 Dt.17.10.2019 & 130 Dt.18.11.2019 Subsequent discussions held between us till date.																															
GST No		Our GST No 27AAACB8316K1ZL																																
<p>Project: Construction of Access controlled Nagpur - Mumbai Super Communication Expressway (Maharashtra Samruddhi Mahamarg) in the state of Maharashtra on EPC mode for Package 13, from KM.577.739 TO 623.379 (Section - Village Sonari to Village Taranganpada) in District Nashik.</p> <p>With reference to your above offer & subsequent discussions and correspondence we had with you till date, we hereby release this order on you for Supply of Admixture at our MSRDC Road project project as per the price, details, terms & conditions given below. All other terms & conditions and scope of the order are detailed below and attached herewith as annexure.</p>																																		
<p>1 Scope of the order & total order value</p> <table border="1"> <thead> <tr> <th>S.No</th> <th>Item Description</th> <th>Product Name</th> <th>Quantity</th> <th>Unit Rate Rs.</th> <th>Value Rs.</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Supply of PC base Admixture for Structural works (Empty Barrels are returnable)</td> <td>Sunplast PC 4050</td> <td>21000 KGs</td> <td></td> <td></td> </tr> <tr> <td></td> <td>SUB TOTAL:</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td>GST @ 18%:</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td>TOTAL ORDER VALUE:</td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>					S.No	Item Description	Product Name	Quantity	Unit Rate Rs.	Value Rs.	1	Supply of PC base Admixture for Structural works (Empty Barrels are returnable)	Sunplast PC 4050	21000 KGs				SUB TOTAL:						GST @ 18%:						TOTAL ORDER VALUE:				
S.No	Item Description	Product Name	Quantity	Unit Rate Rs.	Value Rs.																													
1	Supply of PC base Admixture for Structural works (Empty Barrels are returnable)	Sunplast PC 4050	21000 KGs																															
	SUB TOTAL:																																	
	GST @ 18%:																																	
	TOTAL ORDER VALUE:																																	
<p>Rupees</p> <p>COMMERCIAL TERMS & CONDITIONS</p>																																		

The unit rates given in this order are fixed and firm during contractual delivery period and not subject to any escalation what so ever. However we reserves the right to amend the order in the event of any changes in specification, quantities and delivery schedules and other terms conditions, with mutual consent.

S.No	TERMS & CONDITIONS
2	Price Basis: The price basis is CIF our site. The price indicated in this order is fixed & firm till completion of the order and no escalation whatsoever is applicable.
3	Packing & Forwarding: P&F is Included in your scope of supply.
4	Taxes: GST @ 18% is included in the total order value as detailed in Sl.No.1.
5	Transportation Charges & Transit Insurance: Transportation Charges & Transit Insurance are included in your scope of supply & in the total order value.
6	Delivery: You shall supply the material within 7 days from the date of this order or on intimation of our site Co-ordinator. Our site Co-ordinator will inform you the delivery schedules & quantities regularly. You need to interact with our site Co-ordinator and organize the supplies as per the schedules given to the respective site locations. You shall deliver the material along with all test certificates as directed by our site Co-ordinator. In case of delay beyond the agreed delivery dates, liquidated damages at the rate of 0.5% per week subject to maximum of 5% of the order value will be levied on you.



ATCON INDIA LTD.

No.PO-All/Iridium/Mah/23-24

24.09.202

M/s Sublight Conschem Corporation,
801 Shweta Apartment, 117/H1/499 Pandu Nagar,
Kanpur (UP).

(Shri Prateek Gupta Mob.: 9984361590)

Sub.: PO for supply of Material.

Sir,

In reference to our discussion, we are pleased to place PO for supply of material to our Bhandara Project (Maharashtra) as per details:

Sr No.	Material/Product	Qty.	Rate (GST Extra)
1	SUN SILICA (Micro Silica)	30MT	Rs - per Ltr.
2	Curing Compound	25 drum	Rs - per Ltr
3	Sunplast PQ 5050	15 drum	Rs. - per Kg
4	Sunplast PC 4050	25 drum	Rs - per Kg
FOR Site			

Billing Address:

Atcon India Limited,
Plot No 50, Survey No.407, THAK No. 146,
MOUZA GANESHPUR, TEHSIL: BHANDARA
BHANDARA (MAHARASHTRA) 441904

GST No.27AADCA0948H1ZS PAN No. AADCA0948H

Delivery Address:

Atcon India Limited,
Village: PENDRI (SONEGAON), Near Zila Parishad School
Taluka : PAONI
Distt. BHANDARA (MAHARASHTRA) 441 903

Cont Person : Shri ROHIT PAUL Mob.:93222 14446

Yours faithfully,

For Ateon India Limited

For ATCON INDIA LTD

Authorized signatory



TIPL

THAKUR INFRAPROJECTS PVT. LTD.,
An ISO 9001-2015 Certified Company

PURCHASE ORDER (PADEGHAR)

To,
Iridium Chemical
801 Shweta App. 117/H1/499 Panthi Nagar,
Kanpur 208005

TIPL/New RMC Plant Padeghar/ 218
Date : 01/02/2024

Sr No.	Description	Qty.	Unit	Rate Rs.	Bill No.		Bill Date	
					Amnt. Rs. Before CGST + SGST	CGST % Amnt. Rs.	SGST Amnt. Rs.	Total Amnt. Rs.
1	Cgst % 9.00 Sgst % 9.00 Sunplast PC 4050 (230 KG Drum x 49 No.)	9290.00	Kg.			Total Rs.		
					Grand Total Rs.			

Terms & Conditions

Delivery URGENT

Payment 30 Days After Receiving Bill

Validity of P.O. 7 Days

Material Should Be as Per Specific Brand Any defective material should be debited to your a/c

Note : Empty Drum Returnable

Yours Faithfully,
Thakur Infraprojects Pvt. Ltd.,

Received By

Prepared By :

M/2
Order By :

Authorised Signatory

✓
1/2/2024

✓
1/2/2024

Sandeep Agarwal



Registered Office : 1st floor, Om Sadanika Bldg., Plot No. 265/1, Panvel Uran Road, Panvel, Navi Mumbai - 410206
Dist. Raigad, Maharashtra - India. Ph: 022-27452713

E-mail: thakurnfraprojects@gmail.com Website: www.thakurnfraprojects.in CIN No: U93000MH20079011468

JAIPUR READY MIX COMPANY

Office : YA-133, 6D, Engineers-Colony, Mangyawas, Mansarovar, Jaipur-302 020
 Mob. : 9414149324, 9983111118 E-mail : jaipureadymixcompany@gmail.com

Ref. No.

Date

PURCHASE ORDER

To,

SUPPLIER'S NAME & ADDRESS

Jeewan Enterprises
 801 Shweta Aprtment
 117/H1/499 pandu nagar
 Kanpur 208005 (UP)

DATE: 23.01.2018
 P.O. #JRMC/18-19/03

Contact Number : 9415133506
 Kind Attn : Mr. Prateek Gupta Ji

BILLING ADDRESS

JAIPUR READYMIX COMPANY
 Plot no. 100 & 102 Near Alfa Bal Academy School,
 Rampura, Patarkar Colony, Jaipur.

DELIVERY ADDRESS

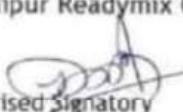
JAIPUR READYMIX COMPANY
 Plot no. 100 & 102 Near Alfa Bal Academy School,
 Rampura, Patarkar Colony, jaipur

GST No. 08AAKFJ2524L1Z5

Kind Attn : Mr. J.S. Sodha
 Mobile No. +91- 9549655327

REQUISITIONER	FREIGHT	PAYMENT TERMS	Delivery Date		
			immediately		
ITEM #		UNIT	QTY	RATE	TOTAL
Slurry Pouch (Concrete Pump primer)		Pouch	500		
SUBTOTAL					
CGST					
SGST					
IGST@18%					
OTHER					
TOTAL					
Other Comments or Special Instructions					
Payment: After One Month Including All taxes (landed Price)					

For Jaipur Readymix Company



Authorised Signatory



Jandu Construction Company

PURCHASE ORDER

Name Of Work:- Rehabilitation & Up-gradation of Jalgaon Jamod- Nandura National Highway from Km 0+000 to 24+998 in the state of Maharashtra for Up-gradation two lane with paved shoulder on Engineering, Procurement & Construction (EPC) Basis Contract.

SUPPLIER'S DETAILS	
Supplier's Name	SUNLIGHT CONSCHEM
Contact Person	Shailendra Mishra
Telephone No.	9643043607
Email-ID	iridiumchem@gmail.com
Address	
G.S.T Registration No.	

CONSIGNEE DETAILS	
PO No.	JCC/NOV/PO/2019-20/113
PO Date	18-11-2019
Contact Person	Mr. B.S.Yadav
Telephone No.	7018294041
Billing Address	JCC Base Camp, NH-6, Khamgaon Nandura Road Opp.Chikhali (Khurd) Post , Pimpri Deshmukh , Tq. Khamgaon Dist.Buldhana (MH)
G.S.T Registration N	27AAFFJ6392M1ZQ
PAN No.	AAFFJ6392M
Delivery Address	JCC Base Camp , NH-6, Khamgaon Nandura Road Opp.Chikhali (Khurd) Post , Pimpri Deshmukh , Tq. Khamgaon Dist.Buldhana (MH)
Email-ID	jandu.mh@gmail.com
Originator	Mr.Rajesh Kalyan

Dear Sir,

Please supply the following item(s) as per terms and conditions mentioned below.

SR NO.	Particulars	UNIT	QTY.	RATE	AMOUNT
1	Admixture PQ 40-50	Kg	32000		
				SUM AMOUNT	
				GST AMOUNT	18%
				TOTAL AMOUNT	

Terms and Conditions:-

- * Delivery address : JCC Base Camp , NH-6 , Khamgaon Nandura Road Opp.Chikhali (Khurd) Post , Pimpri Deshmukh , Tq. Khamgaon Dist. Buldhana (MH)
- * You are requested to Send us duly signed copy of this purchase order as a token of your unconditional acceptance.
- * The material should be as per the Branded Quality, and any shortfall in mat., the material will be rejected.



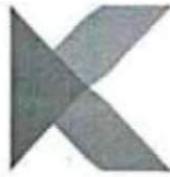
Corporate Office : FF-126, Lajpat Rai Complex, Pehowa Chowk, Distt. Kaithal (HR)
Mob. : 01746-234888, 9991387001 Email : janduconstco@yahoo.com

Site Office : J.C.C. Base Camp, Chikhali (NH-6, Khamgaon Nandura Road),
Tq. Khamgaon, Dist.Buldhana. 444312 (M.S.)
Mob. 8890088307 Email : jandu.mh@gmail.com

KRAM INFRACON PVT. LTD.

C1-M , SECTOR 133 , WISH TOWN
NOIDA-201304

TEL : 0120-6764456/58



KRAM INFRACON

TERMS & CONDITION:

1	DELIVERY INSTRUCTION	With in 5 days , FOR site
2	TERMS OF PAYMENT	45 Days from the date of receipt of material at site
3	GST	GST 18% Extra , GST NO. : 23AAGCK1001L2ZZ
4	TEST CERTIFICATE	Should be provided along with the material
4	DISCOUNT	NET
5	BILLING ADDRESS	M/s KRAM INFRACON PVT. LTD. 114 , Shree Tower , Zone II , MP Nagar Bhopal (M.P.)- 462011
6	CONSIGNEE ADDRESS	M/s KRAM INFRACON PVT. LTD. House No. 262, Ward No. 02, Mahendra Nagar Near Bada Hanuman Mandir, Navada Bagh, Bhind (MP)

PERIODIC

CHECKED BY

AUTHORISED SIGNATORY



M/s Diamond Const. Co.

Govt. Contractor & Engineers

GST No.: 23AAFFD8585N1ZV
 Off. : 13/1, Vill. Khera, Teh. Khargapur.
 Distt. Tikamgarh (MP)
 Mob. : 099928-24600
 E-mail : baljtdcc@gmail.com

PURCHASE ORDER

ORDER
M/S IRIDIUM CHEMICAL
801 shweta apartment, 117/h1/499
Panu Nagar, Kanpur-208005

DATE: 12-09-2019
 PO NO: DCC/K/632

Dear Sir,

As per your Office mail, we are pleased to place an order for the following items

SR NO	DESCRIPTION	QTY	RATE	GST
1	Sunplast PQ 2550 (PQC) 230 Kg HDPE Drums	2100 Kg (10 Drums)	Rs. Per Kg	18%

1	Payment terms	: By RTGS
2	G.S.T	: Inclusive
3	Delivery Time	: Immediate
4	Mode of Dispatch	: Self arrangement
5	Delivery Address	: Vill Datia, Teh Datia, Datia (MP) (Near Home Gard Office)
6	Invoice Address	: Diamond Construction Company. 13/1 Gram Khaira, Teh.Khargapur Distt.Tikamgarh,(MP)
7	GST No.	: 23AAFFD8585N1ZV
8	Contact Person	: Surender -82224-96000

For Diamond Const. Co.

Greetu Rani
Auth. Sign.



Jandu Construction Company

PURCHASE ORDER

Name Of Work:- Rehabilitation & Up-gradation of Jalgaon Jamod- Nandura National Highway from Km 0+000 to 24+998 in the state Of Maharashtra for Up-gradation two lane with paved shoulder on Engineering, Procurement & Construction (EPC) Basis Contract.

SUPPLIER'S DETAILS	
Supplier's Name	SUNLIGHT
Contact Person	Shailendra Mishra
Telephone No.	9643043607
Email-ID	iridiumchem@gmail.com
Address	
G.S.T Registration No.	

CONSIGNEE DETAILS	
PO No.	JCC/MAY/PO/2019-110
PO Date	14-08-2019
Contact Person	Mr. B.S.Yadav
Telephone No.	7018294041
Billing Address	JCC Base Camp , NH-6 , Khamgaon Nandura Road Opp.Chikhali (Khurd) Post , Pimpri Deshmukh , Tq. Khamgaon Dist.Buldhana (MH)
G.S.T Registration N	27AAFFJ6392M1ZQ
PAN No.	AAFFJ6392M
Delivery Address	JCC Base Camp , NH-6 , Khamgaon Nandura Road Opp.Chikhali (Khurd) Post , Pimpri Deshmukh , Tq. Khamgaon Dist.Buldhana (MH)
Email-ID	jandu.mh@gmail.com
Originator	Mr.Rajesh Kalyan

Dear Sir,

Please supply the following item(s) as per terms and conditions mentioned below.

SR NO.	Particulars	UNIT	QTY.	RATE/Kg	AMOUNT
1	Admixture PQ 40-50	Kg	32000		
		SUM AMOUNT			
		GST AMOUNT		18%	
		TOTAL AMOUNT			

Terms and Conditions:-

- * Delivery address : JCC Base Camp , NH-6 , Khamgaon Nandura Road Opp.Chikhali (Khurd) Post , Pimpri Deshmukh , Tq. Khamgaon Dist. Buldhana (MH)
- * You are requested to Send us duly signed copy of this purchase order as a token of your unconditional acceptance.
- * The material should be as per the Branded Quality, and any shortfall in mat., the material will be rejected.

THANKS AND REGARDS

Yashwant
FOR Jandu Construction Company.



ATCON INDIA LTD.

No.PO-AII/Iridium/Mah/23-24

Dated 24-05-2023

M/s Sublight Conschem Corporation,
801 Shweta Apartment, 117/H1/499 Pandu Nagar,
Kanpur (UP).

(Shri Prateek Gupta Mob.: 9984361590)

Sub.: PO for supply of Material.

Sir,

In reference to our discussion, we are pleased to place PO for supply of material to our Bhandara Project (Maharashtra) as per details:

Sr No.	Material/Product	Qty.	Rate (GST Extra)
1	SUN SILICA (Micro Silica)	30MT	Rs per Ltr.
2	Curing Compound	25 drum	Rs per Ltr
3	Sunplast PQ 5050	15 drum	Rs per Kg
4	Sunplast PC 4050	25 drum	Rs per Kg
			FOR Site

Billing Address:

Atcon India Limited,
Plot No 50, Survey No.407, THAK No. 146,
MOUZA GANESHPUR, TEHSIL: BHANDARA
BHANDARA (MAHARASHTRA) 441904

GST No.27AADCA0948H1ZS PAN No. AADCA0948H

Delivery Address:

Atcon India Limited,
Village: PENDRI (SONEGAON), Near Zila Parishad School
Taluka : PAONI
Distt. BHANDARA (MAHARASHTRA) 441 903

Cont Person : Shri ROHIT PAUL Mob.:93222 14446

Yours faithfully,

For Atcon India Limited

For ATCON INDIA LTD

Authorized signatory



PURCHASE ORDER

ORDER
M/S IRIDIUM CHEMICAL
801 shweta apartment, 117/h1/499
Panu Nagar, Kanpur-208005

DATE: 02-08-2019
PO NO: DCC/K/535

Dear Sir,

As per your Office mail, we are pleased to place an order for the following items for

SR NO	DESCRIPTION	QTY	RATE	GST
1	Sunplast PQ 2550 (PQC) 230 Kg HDPE Drums	4200 Kg (20 Drums)	Rs. Per Kg	18%

1	Payment terms	: By RTGS
2	G.S.T	: Inclusive
3	Delivery Time	: Immediate
4	Mode of Dispatch	: Self arrangement
5	Delivery Address	: Vill Datia, Teh Datia, Datia (MP) (Near Home Gard Office)
6	Invoice Address	: Diamond Construction Company, 13/1 Gram Khaira, Teh.Khargapur Distt.Tikamgarh,(MP)
7	GST No.	: 23AAFFD8585N1ZV
8	Contact Person	: Surender -82224-96000

For Diamond Const. Co.


 Auth. Signatory

PURCHASE ORDER

To	M/s. IRIDIUM CHEMICAL 801 Shweta Apartment 117/H-1/498 Pandu Nagar Kanpur-208005	PO No: GVPR/NMSEM/19-20/211 Project: NMSEM, Nashik PR No: 845 Dt: 25.04.2019	Dt: 14.06.2019
Name:	Mr. Prateek Gupta/9415133506/ 9984361590		
E-mail:	iridiumchem@gmail.com		
GSTIN:	09AGWPG2365E1Z5	Our Maharashtra GSTIN	:2/AAACG7814F1Z8
PAN No:	AGWPG2365E		
Your Quotation:	Q01076/MAY/19, Dt: 21.05.19		

With reference to your above mentioned offer and subsequent discussions, we are pleased to release PO for supply of below items with the Terms & Conditions mentioned below and as per the annexure I.

SL.No.	HSN Code	Place of Delivery	UOM	Quantity	Unit Rate Rs.	Amount
1	3824	Supply of SUNLIGHT make admixture-Sunplast PC 4050	Kg (230 Kgs/Drum)	2,070		
			Sub - Total	2,070		
					Freight & Insurance	
					Packing & Forwarding	
					IGST @ 18%	
			GRAND TOTAL			

Value in words: Rupees

TERMS & CONDITIONS:

1	Price Basis	F.O.R. [redacted] up to Ghos Transport office
2	Price Variation	The prices are firm till complete supply of Ordered Quantity.
3	Loading Charges	Inclusive
4	GST	As Mentioned Above
5	Freight & Insurance	As Mentioned Above
6	Test Certificates	You shall submit the test Certificates along with the Consignment
7	Delivery Schedule	Within 1Week from the date of issue of Purchase Order
8	Payment Terms	100% payment within 40 days from the date of receipt of the material at our site.
9	Unloading At Site	Will be done at our site by GVPR
10	Empty Drums	Empty Drums/Barrels will be returned to you after utilizing of Admixture
11	Invoice	Your Invoice shall include HSN Code of material, GST No of both purchaser & supplier, our PO No etc., without which payment will not be processed.
12	Billing Address:	M/s. GVPR Engineers Limited, 1-6-64, Shree Nagar, Hanuman Mandir Road, Nanded, Maharashtra-431602
13	Delivery Location:	M/s. GVPR Engineers Limited, House No-29004, Row House-4, Old Agra Road, Near Ramdev Ji Baba Mandir, Ghos Buruk, Igatpuri-Taluk, Nasik Dist, Maharashtra-422402 Contact Person: Mr. Satyanarayana 9877032811
14	Other Terms & Conditions	All other terms & conditions will be as in the attached Annexure- I
15	Order Acceptance	Please send PO acceptance duly signed & stamped on all pages of PO within two days, otherwise it will be treated as deemed acceptance

For GVPR Engineers Ltd.,

GVPR ENGINEERS LIMITED

(CIN : U45201TG1997PLC028680)

Authorised Signatory

REGD. OFFICE : #8-2-293 / B2 / A, Plot No.739-A, Road No. 37, Jubilee Hills, Hyderabad - 33, Telangana, INDIA
P : 040-6558 6656 | T : +91-40-6558 6686 | E : info@gvpr.co.in | W : www.gvpr.co.in

BRANCH OFFICE : #103, Lalehzar Apartments, 45/1-2, Palace Road, Bangalore - 560 001, KARNATAKA.

PURCHASE ORDER

GAWAR CONSTRUCTION LIMITED

SF-01, JMD GALLERIA SECTOR - 48, SONHA ROAD
GURGRAM (HR)-122001

GCL/PO/19-20/051 IRIDIUM CHEMICAL 801 SHWETA APARTMENT, 117/HL499 PANDU NAGAR, KANPUR - 208005 MOB. 9415133506	DATE 07/06/2019
---	-----------------

DELIVERY TO:- GAWAR CONSTRUCTION LIMITED BHAROLI CAMP ESAGARH (ASHOKNAGAR)	INVOICE TO:- GAWAR CONSTRUCTION LIMITED CIVIL LINES ROAD, TIKAMGARH(MP) GST NO.: 23AADCG1026A1ZL
--	---

CONTACT PERSON- ALOK SINDHU 986202216
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With reference to our discussions with your good self, we are pleased to release a supply order for ADMIXTURE

SR. No.	PART NO.	DESCRIPTION	QTY	UOM	Price	Total
1		SUNPLAST PQ 4050	5000	KG	Rs.	Rs.
			TOTAL			Rs.
			GST 18%			Rs.
			G. AMOUNT			Rs.

TERMS & CONDITIONS

1. PAYMENTS TERMS - ADVANCE
2. DELIVERY - AFTER 2 DAYS
3. TRANSPORTATION - INCULSIVE


PROPOSED BY

GAWAR CONSTRUCTION LIMITED

AUTHORISED SIGNATORY

M/s SIDDHARTH CONSTRUCTION

'A' Class Approved Government Contractor
N.H.A.I., P.W.D., Railway, Irrigation & Mandi Parishad

488/512/04, HAVELIYA COLONY NEAR JAIN MANDIR, DALIGANJ, LUCKNOW

To,

Ref. .IRIDIUM CHEMICAL

801, Shweta Apartment, 117/H1/499
Pandu Nagar
Kanpur (U.P.)

Date.....

Sub: Purchase order for Supply Material

Dated: 01st June 2019

Dear Sir,

As per our discussion, we are pleased to place purchase order for supply of material to our Gorakhpur Project as per details:

Sr No.	Material /Product	Qty.	Rate
1.	Sunplast PC based	04 Ton	Rs. per KG + GST FOR at Site

Billing address:

Siddharth Construction
488/512/04, Haveliya Colony
Daliganj, Lucknow-226020

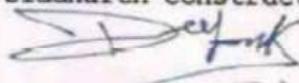
GST No: 09ABPFS6406E1ZX
Pan No: ABPFS6406E

Delivery Address:

Siddharth Construction
Village-Nayansar (Behind Toll Plaza)
Gorakhpur-Sonauli Road
Pipiganj, Gorakhpur (U.P.)

Contact Person: Mr. Rakesh Yadav Ji-9889803710
Mr. Dinesh Sharma Ji-9115306673

Yours faithfully,
Siddharth Construction



Authorized signatory



ATCON INDIA LTD.

M/s IRIDIUM CHEMICAL
801 Shweta Apartment, 117/H1/499 Pandu Nagar,
Kanpur (UP).

Dated 13-10-2022

(Shri Prateek Gupta Mob.: 9984361590)

Sub.: PO for supply of Material.

Sir,

In reference to our discussion, we are pleased to place PO for supply of material to our BILHETI- Gwalior Project (MP) as per details:

Sr No.	Material/Product	Qty.	Rate (Rs per KG)
1	Sunplast PC 5050	35 drums	Rs. /- +GST FOR Site

Billing Address:

Atcon India Ltd.,
UNIT NO 77 TUELIP, NEAR UNDER BRIDGE,
WARD NO-12, SWAMI VIVEKANAND,
Anuppur, Madhya Pradesh, 484224
GST No.23AADCA0948H1Z0

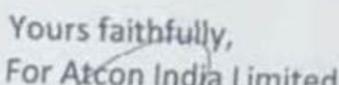
PAN No. AADCA0948H

Delivery address:

Atcon India Limited,
Village: Bilheti, Tehsil-Murar,
Distt.: Gwalior (MP)

Cont. Person: Sangram Singh: 88893 68689 / 83196 34761

Yours faithfully,
For Atcon India Limited


Authorized signatory

Purchase Order:
5000015989
Date
07.12.2018

PRISM JOHNSON LIMITED
(FORMERLY PRISM CEMENT LIMITED)
(RMC India Division)



Complete Concrete Solutions

Vendor Code	: 10001244	Delivery Address:
Name	: JEEWAN ENTERPRISES	Name : Dhanesari Comm. Concrete
Address	:	Prism Johnson Limited-RMC India Division
	:	
	: KANPUR-228005	Address : Pagana-Atagawan, Tehsil-Pindra,
GSTIN	: 09AAAFJ6361K1Z4	:
State	: 09 - Uttar Pradesh	: Varanasi-221105
PAN	: AAAFJ6361K	GSTIN : 09AAACP6224A1ZV
		State : 09 - Uttar Pradesh
<hr/>		
Purchaser Name : Siddiqui		
Email ID	: abid.siddiqui@rmcindia.com	<hr/>
<hr/>		

Sr. No	HSN/SAC	Material Code/Description	UOM	Delivery Schedule	Qty	Rate/Unit (INR)	Gross Amount (INR)
10	3824	1000000126 Easy Slip Aid SGST @ 9.00 % CGST @ 9.00 %	NO	04.01.2019	300.000		
						Assessable Value: SGST: CGST: IGST:	
						Total Value: Rupees	
						Total Value:	

Terms of Payment :Payable in 15 Days

Regd office : 305, Laxmi Nivas Apartments, Ameerpet, Hyderabad - 500 016, CIN : L26942TG1992PLC014033

This is an SAP generated / authenticated document which approves our Purchase of Material or Service.

No Physical signature is required.

PURCHASE ORDER

Sunlight Conschem Corporation 801, Shweta Apartments, 117/H-1/499, Pandu Nagar, Kanpur, UP-208005 Contact Person-1: Mr. Prateek Gupta E-mail: prateek.jeewan@gmail.com Mobile No: +91-9415133506, 9984361590	PO No. BSCPL/MSRDC/HO/174 Dt.23.04.2020 Sub: Supply of Mid-PC Admixture for our Nagpur - Mumbai Communication Expressway (MSRDC) project PR No: MAT/066/2019-20 Dt. 26.12.2019 Ref: Our P.O No. 112 Dt.05.10.2019, 115 Dt.17.10.2019, 130 Dt.18.11.2019, 135 Dt.29.11.2019, 144 Dt.28.12.2019 & 151 Dt.15.01.2020 Subsequent discussions held between us till date.
GST No	Our GST No 27AAACB8316K1ZL

Project: Construction of Access controlled Nagpur - Mumbai Super Communication Expressway (Maharashtra Samruddhi Mahamarg) in the state of Maharashtra on EPC mode for Package 13, from KM.577.739 TO 623.379 (Section - Village Sonari to Village Taranganpada) in District Nashik.

With reference to your above offer & subsequent discussions and correspondence we had with you till date, we hereby release this order on you for **Supply of Admixture** at our MSRDC Road project project as per the price, details, terms & conditions given below. All other terms & conditions and scope of the order are detailed below and attached herewith as annexure.

1 Scope of the order & total order value

S.No	Item Description	Product Name	Quantity	Unit Rate Rs.	Value Rs.
1	Supply of Mid- PC base Admixture for Structural works (Empty Barrels are returnable)	Sunplast PC 4050	200000 KGs		
	SUB TOTAL:				
	GST @ 18%:				
	TOTAL ORDER VALUE:				

COMMERCIAL TERMS & CONDITIONS

The unit rates given in this order are fixed and firm during contractual delivery period and not subject to any escalation what so ever. However we reserves the right to amend the order in the event of any changes in specification, quantities and delivery schedules and other terms conditions, with mutual consent.

S.No	TERMS & CONDITIONS
2	Price Basis: The price basis is CIF our site. The price indicated in this order is fixed & firm till completion of the order and no escalation whatsoever is applicable.
3	Packing & Forwarding: P&F is Included in your scope of supply.
4	Taxes: GST @ 18% is included in the total order value as detailed in Sl.No.1.
5	Transportation Charges & Transit Insurance: Transportation Charges & Transit Insurance are included in your scope of supply & in the total order value. Arranging delivery by a reputed transporter and delivering at our site is your responsibility.
6	Delivery: You shall supply the material within 7 days from the date of this order or on intimation of our site Co-ordinator. Our site Co-ordinator will inform you the delivery schedules & quantities regularly. You need to interact with our site Co-ordinator and organize the supplies as per the schedules given to the respective site locations. You shall deliver the material along with all test certificates as directed by our site Co-ordinator. In case of delay beyond the agreed delivery dates, liquidated damages at the rate of 0.5% per week subject to maximum of 5% of the order value will be levied on you.

KRAM INFRACON PVT. LTD.

C1-M, SECTOR 133, WISH TOWN

Noida-201304

TEL: 0120-6764456/58



KRAM INFRACON

TERMS & CONDITION :

1	DELIVERY INSTRUCTION	Within 3 days, FOR site
2	TERMS OF PAYMENT	45 Days PDC
3	GST	GST 18% Extra as considered above, GST NO. : 23AAGCK1001L2ZZ
4	TEST CERTIFICATE	Should be provided along with the material
4	FREIGHT	Inclusive up to our site.
5	BILLING ADDRESS	M/s KRAM INFRACON PVT. LTD. House No. 262, Ward No. 02, Mahendra Nagar Near Bada Hanuman Mandir, Navada Bagh, Bhind (MP)
6	CONSIGNEE ADDRESS	M/s KRAM INFRACON PVT. LTD. House No. 262, Ward No. 02, Mahendra Nagar Near Bada Hanuman Mandir, Navada Bagh, Bhind (MP)

PREPARED BY

CHECKED BY


AUTHORISED SIGNATORY

AFCONS INFRASTRUCTURE LTD

Post Box No. 11978, AFCONS House, 16, Shah
Industrial Estate, Veera Desai Road, Azadnagar
P.O., Mumbai 400053 India
Tel. No. 91-22-6719 1000
Fax. No. 91-22-2673 0047/ 2673 0026



Supplier : 120218
IRIDIUM CHEMICAL
E.GHT FLOOR, 801, SHWETA APAMENT 117/H-1/499,
PANDU NAGAR, Kanpur Nagar, Uttar Pradesh, 208005
Kanpur Nagar, Uttar Pradesh, 208005 Uttar Pradesh
India

Tel No : 9415133505
Fax No :
Email No : iridiumchem@gmail.com

Contact : PRATEEK GUPTA / 9415133506
Supplier GSTN: 09AGWPG236SE1Z5

Purchase Order No : 4500491008 **Date :** 27.07.2022
Project : 1331 Construction of Elevated Flyover at Grade Rd - EPC
Payment Terms : 60 Days Credit
Incoterms: CPT - PROJECT SITE PATNA
Billed To : AFCONS INFRASTRUCTURE LTD, 1331-BSRDC
Elevated Road Project, D8, Sudha Home Town, Parsa
Sampachak Road, Patna, Bihar 804453.
Shipped To: AFCONS INFRASTRUCTURE LTD, 1331-BSRDC
Elevated Road Project, D8, Sudha Home Town, Parsa
Sampachak Road, Patna, Bihar 804453.

Contact :
Billed to GSTN : 10AAACAA9067G1Z0

Sr No.	Item Description	Quantity	UOM	Delivery Date	Base Rate(INR)	Discount	Net Rate	Tax%	HSN/SAC	Total Amount (INR)
1	47310007 - Slurry Pouch 250Gm Brand: Sunlight Conschem Corporation Packing: 210 GM per pouch	300.000	NOS	28.07.2022				18.00	841370	

Total Value in Words : INR

IGST Amount:

Total Amount:

Taxes applicable are as following :

1. I3 - 18% Input Tax IGST

Remarks

REF. Offer Q220722/95 Dated 22.07.2021

1. Payment- After 60 days from the date of materials receipt, acceptance at site & Submission of Original Invoices.
2. Delivery- Within 1 days from the po date.
3. Freight-FOR. All expenses of transportation including Transit Insurance & Govt. Levies etc. will be in your scope.
4. Warranty - As per manufacturer's norms. Packing date of materials should be from latest lot.
5. In case of materials rejection, Supplier will be fully responsible to collect materials from our Site at its own cost and arrange immediate replacement otherwise Late delivery clause will be applicable.
6. Late Delivery Clause- If any item is not delivered in accordance with the delivery schedule stipulated in LOI / Purchase Order and if the delay in

Checked By

For AFCONS INFRASTRUCTURE LTD

Note : Acceptance of this order constitute an acceptance of the terms and conditions on face reverse thereof.

Effective July 01, 2021, tax shall be deducted at source (TDS) @ 0.1% (5% in absence of an invalid / no PAN) u/s 194Q of the Income-tax Act, 1961 on all payments to seller for purchase of any goods (single or aggregate) exceeding INR 50 lakhs during the year. Buyer shall issue TDS certificate in Form 16A so that seller can claim due credit of TDS. Consequently, TCS (tax collected at source) u/s 206C(1H) do not apply and cannot be collected by sellers.

Indent Ref : 2000316191Dtd.20.07.2022

PURCHASE ORDER

To,

IRDUM CHEMICAL
801 SHWETA APARTMENT 117/G1/499 PANDU
NAGAR, KANPUR
9415133506

BANSAL CONSTRUCTION WORKS P.LTDTAWA COMPLEX 3 RD FLOOR BITTAN MARKET, E 5 ARERA COLONY
BHOPAL, GST - 23AAECB1762H1Z0

Phone : 0755-2423736 Fax : 0755-4224036

Order No : 2019031120	Order Date : 11/Mar/2019
Req No : 17058	Req Date : 02/Mar/2019

Dear Sir,

Please supply the following materials.

By :

Site : BINAGANJ

Contact Person: ABHILASH JI-9425609816

SNo	Particulars	Specification	Unit	Qty	Rate	Remarks
1	SUNCRETE	CRACK REPAIRING	KG	220.00		RATES/KG,GST EXTRA,FOR SITE

Supplier Challan No..... Date..... BCW Challan No..... Date.....

A. CARTING PAID BY :

B. TAX :

Amount :

For : BANSAL CONSTRUCTION WORKS P.LTD

RECEIPT PURCHASE ORDER

Supplier

Manager

AFCONS INFRASTRUCTURE LTD

Post Box No. 11978, AFCONS House, 16, Shah
Industrial Estate, Veera Desai Road, Azadnagar
P.O., Mumbai 400053 India
Tel.No.91-22-6719 1000
Fax.No.91-22-2673 0047/ 2673 0028

PO No. 4500491006
PO Date : 27.07.2022

**Remarks**

delivery is not to unforeseen events (Act of God, Labour dispute, etc). The supplier will pay (at the end of every month) Afcons liquidated damages in the amount of 10% per month of the value of the item multiplied by the delinquent quantity. Liquidated damages shall be paid proportionately for any period of less than one month calculated on the basis of thirty (30) days in the month. Afcons can also deduct liquidated damages amount from the outstanding payment of Supplier.

7. Afcons reserves it's right to Amend, Hold or cancel any PO at any time without giving reasons.
8. Decision of Afcons management will always be final in case of any dispute between Supplier and Company.
9. Loading/ Unloading - In Supplier's/Afcon's scope.
10. All goods are to be supplied with the requirements meeting with our company OHS & policy, Objectives and targets, ISO 45001:2018, ISO 14001:2015 and other compliance obligations.
11. Afcons will withhold your amount of GST in case of non compliance with GST Laws.
12. E-way bill is mandatory for the invoice more than 50 Thousand.
13. As per our company Covid-19 SOP guidelines, all the material should be disinfected before and after dispatch.
14. The Personal protective equipment's (PPE's) should be used for material handling and the delivery persons should follow Company COVID-19 SOP Guidelines.
15. Usage of nose mask and maintaining 2-meter distance is compulsory at camp premises.

Checked By

For **AFCONS INFRASTRUCTURE LTD**

Note : Acceptance of this order constitute an acceptance of the terms and conditions on face reverse thereof
Indent Ref : ,2000316191Dtd.20.07.2022

A I P L**AGRAWAL INFRABUILD PRIVATE LIMITED**

CAMP NO.1 AT-GOBINDAPANA SAHI,PO-JERANGA DEHURI
 SAHI,PS-JARPADA,DIST-ANGUL,PIN-759127,CON.NO.9260958805(INDRA
 PRAKASH),GST-21AAFCA6636C1Z7,(ANG)

son-Rajendra Prashad,Contact no. 7725882147,GST-21AAFCA6636C1Z7 CAMP NO.3 AT-GARGADBAHAL,PO/PS-JUJOM
PURCHASE ORDER

To,
M/s IRIDIUM CHEMICAL
 KANPUR (U.P.)
 Contact Person Email : iridiummint@yahoo.com
 Pan No. : AGWPG2365E
 GST No. 09AGWPG2365E125
 ACCOUNT NO. : 00620200001071
 BANK NAME : BANK OF BARODA
 BRANCH NAME : FAZALGUNJ BRANCH
 IFSC No. : BARB0INDKAN
 PO Subject : Purchase order for pvc work

Order No.: AIPU/HO-1151/OCT/2022

Order Date : 12/10/2022

Indent No. : ANG-130

Indent Date : 07/10/2022

PO For : ASRP

Quotation No:

Quotation Date:

Quotation By:

Delivery/ Shipping & Billing Address:

ANGUL TO SAMBALPUR NH-55 (ANG- SBP)

CAMP NO.1 AT-GOBINDAPANA

SAHI,PO-JERANGA DEHURI

SAHI,PS-JARPADA,DIST-ANGUL,PIN-75912

7,CON.NO.9260958805(INDRA

PRAKASH),GST-21AAFCA6636C1Z7,

Camp No-2

At-Harirajpur,Po-Bemur,Ps-Kishornagar,Dist.

Angul,Pin Code -759126,Contact

person-Rajendra Prashad,Contact no.

7725882147,GST-21AAFCA6636C1Z7

CAMP NO.3

AT-GARGADBAHAL,PO/PS-JUJOMURA,DIS

T,SAMBALPUR,PIN-768105,CONT.

NO-789474852(GANESH),GST-21AAFCA663

6C1Z7,

GST No.:21AAFCA6636C1Z7

Dear Sir,

With Reference to your quotation & Telecom discussion held. We are pleased to place our purchase order along with all relevant term & Condition as mentioned below:

Sr.	ID No / Part No	Item Code	Items	HSN Code	Qty.	Unit	Rate	Disc.	Taxable Amt.	CGST	SGST / UTGST	IGST
										Rate/Amt.	Rate/Amt.	Rate/Amt.
1	57	ADMIXTURE PQ-3050			20000. 0000	KG						
			Total		20000							
							Total					
							GST Amount					
							Round Off					
Rupees:												

Jurisdiction : BILASPUR (CHHATTISGARH)

Terms & Conditions:

- 1) Transportation : FOR Site.
- 2) Delivery : immediately.
- 3) Payment : 60 Days Credit Received of material
- 4) Returnable : Empty Barrel are returnable basis.

Please acknowledge the order & confirm acceptance.

For: **AGRAWAL INFRABUILD PRIVATE LIMITED**

Authorised Signatory

Approved By 13/10/22

Prepared By Sanjaya Kumar Nayak

A I P L AGRAWAL INFRABUILD PRIVATE LIMITEDAngul to Sambalpur Road project, At-Harirajpur, Po-Bemur, Dist.Angul, Pin
Code -759126(ANG)**PURCHASE ORDER**

To,
M/s IRIDIUM CHEMICAL
 KANPUR (U.P.)
 Contact Person Email : iridiumchem@gmail.com
 Pan No. : AGWPG2365E
 GST No. 09AGWPG2365E1Z5
 ACCOUNT NO. : 00620200001071
 BANK NAME : BANK OF BARODA
 BRANCH NAME. : FAZALGUNJ BRANCH
 IFSC No. : BARB0INDKAN
 PO Subject : Purchase order for POC Work.

Order No.: AIPL/ HO-1174/OCT/2022

Order Date : 13/10/2022

Indent No. : ANG-149

Indent Date : 13/10/2022

PO For : ASRP

Quotation No:

Quotation Date:

Quotation By:

Delivery/ Shipping & Billing Address:

ANGUL TO SAMBALPUR NH-55 (ANG- SBP)

Angul to Sambalpur Road

project, At-Harirajpur, Po-Bemur, Dist.Angul, Pin

Code -759126

GST No.: 21AAFCA6636C127

Dear Sir,

With Reference to your quotation & Telecom discussion held. We are pleased to place our purchase order along with all relevant term & Condition as mentioned below:

Sr.	ID No / Part No	Item Code	Items	HSN Code	Qty.	Unit	Rate	Disc.	Taxable Amt.	CGST	SGST / UTGST	IGST
										Rate/Amt.	Rate/Amt.	Rate/Amt.
1		628	CURING COMPOUND[ALUMINIZED/SYNTHETIC RESIN BASED]		10000.0000	LTR						
			Total	10000								
					Total							
					GST Amount							
					Round Off							

Jurisdiction : BILASPUR (CHHATTISGARH)

Terms & Conditions:

- 1) Rate : Above rate are Inclusive taxes and duties.
- 2) Transportation : FOR site.
- 3) Delivery : immediately.
- 4) Payment : 60 days After Delivery.
- 5) PAN No. : AAFCA6636C
- 6) PO Validity : 01 Week.

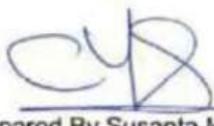
Please acknowledge the order & confirm acceptance.

For : AGRAWAL INFRABUILD PRIVATE LIMITED

Authorised Signatory



Approved By


 Prepared By Susanta Mondal
 13/10/22

A I P L AGRAWAL INFRABUILD PRIVATE LIMITED

Angul to Sambalpur Road project, At-Harirajpur, Po-Bemur, Dist. Angul, Pin

Code -759126(ANG)

PURCHASE ORDER

To,
M/s IRIDIUM CHEMICAL
KANPUR (U.P.)
 Contact Person Email : iridiumchem@gmail.com
 Pan No. : AGWPG2365E
 GST No. 09AGWPG2305E1Z5
 ACCOUNT NO. : 413305000038
 BANK NAME : ICICI BANK LTD
 BRANCH NAME. : KAKADEO KANPUR
 IFSC No. : ICIC0004133
 PO Subject : Purchase order for PQC WORK.

Order No. : AIPL/ HO-1648/NOV/2022

Order Date : 19/11/2022

Indent No. : ANG-4

Indent Date : 02/08/2022

PO For : ASRP

Quotation No:

Quotation Date:

Quotation By:

Delivery/ Shipping & Billing Address:

ANGUL TO SAMBALPUR NH-55 (ANG- SBP)

CAMP No-2

AI-HARIJAPUR, PO-BAMUR, PS-KISHORNA

GR, DIST-ANGUL, PIN CODE

-759126, CONTACT PERSON-B. RAJENDRA

PRASAD-7725882147.

GST No.: 21AAFCA6636C1Z7

Dear Sir,

With Reference to your quotation & Telecom discussion held. We are pleased to place our purchase order along with all relevant term & Condition as mentioned below:

Sr.	ID No / Part No	Item Code	Items	HSN Code	Qty.	Unit	Rate	Disc.	Taxable Amt.	CGST	SGST / UTGST	IGST
									Rate/Amt.	Rate/Amt.	Rate/Amt.	
1		628	CURING COMPOUND[resin base for PQC Purpose.]	38244010	4800.0000	LTR		0		0%	0%	18%
2		628	CURING COMPOUND[resin base for PQC Purpose.]		2000.0000	LTR		0		0%	0%	18%
3		628	CURING COMPOUND[resin base for PQC Purpose.]		13200.0000	LTR		0		0%	0%	18%
Total					20000			0		0	0	
				Total								
				GST Amount								
				Round Off								
Rupees:												

Jurisdiction : BILASPUR (CHHATTISGARH)

Terms & Conditions:

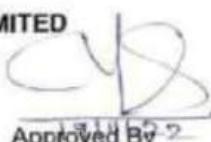
- 1) Transportation : FOR Site.
- 2) Delivery : immediately.
- 3) Payment : **60 Days Credit Received of material**
- 4) PO Validity : 01 Week.

Please acknowledge the order & confirm acceptance.

For : AGRAWAL INFRABUILD PRIVATE LIMITED



Authorised Signature


Approved By
Sanjaya Kumar Nayak

Prepared By Sanjaya Kumar Nayak

PURCHASE ORDER

Invoice To PRADEEPRAJ INFRA PVT LTD First Floor, Plot No. 58 Se No. 1568, H No. 476, Waranga Phata, Behwani Nagar, Tal. Kalamnuri, Hingoli (MH) - 431701 GSTIN/UIN: 27AAMCP9409K1ZR State Name : MAHARASTRA, Code : 27		P.O. No 2022-23/PRIPL-024		Dated 17-12-2022			
				Mode/Terms of Payment 30 Days After Delivery			
		Supplier's Ref./Order No: Q0221215/256 DT.-15-12-22		Other Reference(s)			
Dispatch To PR INFRA PVT. LTD. C/O. RSB INFRA PVT. LTD. Base Camp Dati Phata, Behind Mahadev Mandir, In front of Gurudwara, Tal. Kalamnuri Dist. Hingoli - 431701 Email : priplwaranga@gmail.com GSTIN/UIN: 27AAMCP9409K1ZR State Name : MAHARASTRA, Code : 27		Despatch through		Destination Dati Phata (Hingoli)			
		Contract Person :-		Contract Person for Delivery of Material Mr. Sumit Kaushik - +91 9549994453			
Supplier IRIDIUM CHEMICAL Flat No. 801, Shweta Apartment, 117/h-1/499 Pandu Nagar, Kanpur - 208005 (Uttar Pradesh) Contact No: +91 9415133506/9336215906		Terms of Delivery :-		IMMEDIATE			
GSTIN/UIN: 09AGWPG2365E1Z5 State Name: UTTAR PRADESH		HSN CODE	Unit	GST Rate	Quantity	Rate	Amount
1	SUNPLAST PC5050 (ADMIXTURE) Brand:- Sunlight conschen Corporation Packing:- 230 Kg Hdpe Drum	38244090	MT	18 %	15.000		
						TOTAL	
						DISCOUNT 0 %	
						TAXABLE AMOUNT	
						INPUT GST@18%	
						GRAND TOTAL	

Amount (in words) :

Term & Condition

1. Above rates are inclusive of all applicable taxes.
2. Transporting upto our site at your Cost. (FOB)
3. Transportation and damage responsibility of product in your scope.
4. Warranty - As per Company Standard
5. No any other cost will be paid. This is final Price.
6. If any QC checked defect found during inspection, same will be return by you on your risk.
7. Any dispute regarding the contract shall be resolved through the officer of Project manager.
8. Empty Barrel are not-returnable.

2. Payment Condition:-

1. 30 Days after Delivery

for PradeepRaj Infra Pvt. Ltd (2022-23)



This is a Computer Generated Document

A I P L AGRAWAL INFRABUILD PRIVATE LIMITED

Angul to Sambalpur Road project, At-Harirajpur, Po-Bemur, Dist. Angul, Pin

Code -759126(ANG)

PURCHASE ORDER

To,

M/s IRIDIUM CHEMICAL

KANPUR (U.P.)

Contact Person Email : iridiumchem@gmail.com

Pan No. : AGWPG2365E

GST No. 09AGWPG2365E1Z5

ACCOUNT NO. : 413305000038

BANK NAME : ICICI BANK LTD

BRANCH NAME. : KAKADEO KANPUR

IFSC No. : ICIC0004133

PO Subject : Purchase order for pcc admixture for ASRP.

Order No. : AIPL/ HO-2061/DEC/2022

Order Date : 17/12/2022

PO For : ASRP

Quotation No:

Quotation Date:

Quotation By:

Delivery/ Shipping & Billing Address:

ANGUL TO SAMBALPUR NH-55 (ANG- SBP)

CAMP No-2

AI-HARIRAJPUR, PO-BAMUR, PS-KISHORNA

GR,DIST-ANGUL, PIN CODE

-759126, CONTACT PERSON-B. RAJENDRA

PRASAD-7725882147.

GST No.21AAFCA6636C1Z7

Dear Sir,

With Reference to your quotation & Telecom discussion held. We are pleased to place our purchase order along with all relevant term & Condition as mentioned below:

Sr.	ID No / Part No	Item Code	Items	HSN Code	Qty.	Unit	Rate	Disc.	Taxable Amt.	CGST	SGST / UTGST	IGST
										Rate/Amt.	Rate/Amt.	Rate/Amt.
1		6649	ADMIXTURE PC-3050		20000. 0000	KG						
			Total	20000								
							Total					
							GST Amount					
							Round Off					
Rupees:												

Jurisdiction : BILASPUR (CHHATTISGARH)**Terms & Conditions:**

- 1) Transportation : FOR Site.
- 2) Delivery : immediately.
- 3) Payment : 60 Days Credit Received of material
- 4) PO Validity : 01 Week.

Please acknowledge the order & confirm acceptance.

For : AGRAWAL INFRABUILD PRIVATE LIMITED

Authorised Signatory


 Approved By

Prepared By Gopisetty Murali Krishna

PURCHASE ORDER

Vendor Name & Address		<p>P.O. No.: REPL\PO\00500\2022-23 P.O Date: 18/01/2023 Your Ref.: NIL Reverse charge Y/N: No State: Maharashtra</p> <p>Code: 27</p>																																																																																																																																																																																																									
Iridium Chemical 801 Shweta Apartment, 117/H1/499 Pandu Nagar, Kanpur , Uttar Pradesh 208005 Email: iridiumchem@gmail.com GSTIN:		<p>Ship to address :</p> <p>Ray Engineering Pvt. Ltd. Near Shine Flexible Print & Packs Pvt. L, Kecheri - Akkikavu Bypass Road Kunnamkulam, Thrissur, Kunnamkulam Thrissur - 680519 Mob: Mr. Imtiyaz - Mob. No. -7008704625 State: Kerala</p> <p>Code: 32</p>																																																																																																																																																																																																									
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<p>Kind Attn: Prateek Gupta</p> <p>With reference to the above, we are pleased to place our order for the following material/services as per the terms & conditions given below.</p>																																																																																																																																																																																																											
<table border="1"> <thead> <tr> <th>SNo</th> <th>Product description</th> <th>HSN Code</th> <th>UOM</th> <th>Quantity</th> <th>Rate</th> <th>Amount</th> <th>Disc Value</th> <th>Taxable Value</th> <th>IGST Rate %</th> <th>IGST Amount</th> <th>Total Value</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>SUNPLAST PQ 3550 (225 kg X 15 Drum)</td> <td>KGS</td> <td></td> <td>3375.00</td> <td></td> <td></td> <td></td> <td></td> <td>18.00</td> <td></td> <td></td> </tr> <tr> <td>2</td> <td>SUNPLAST PQ 2550 (230 kg X 20 Drum)</td> <td>KGS</td> <td></td> <td>4600.00</td> <td></td> <td></td> <td></td> <td></td> <td>18.00</td> <td></td> <td></td> </tr> <tr> <td>3</td> <td>Suncure (210 Kg X 10 Drum)</td> <td>KGS</td> <td></td> <td>2100.00</td> <td></td> <td></td> <td></td> <td></td> <td>18.00</td> <td></td> <td></td> </tr> <tr> <td colspan="11" style="text-align: right;">TOTAL</td> <td></td> </tr> <tr> <td colspan="11" style="text-align: right;">Total Amount in words</td> <td></td> </tr> <tr> <td colspan="11" style="text-align: right;">Total item amount</td> <td></td> </tr> <tr> <td colspan="11" style="text-align: right;">Less Discount</td> <td></td> </tr> <tr> <td colspan="11" style="text-align: right;">Total amount before tax</td> <td></td> </tr> <tr> <td colspan="11" style="text-align: right;">Add IGST</td> <td></td> </tr> <tr> <td colspan="11" style="text-align: right;">Total amount after tax</td> <td></td> </tr> <tr> <td colspan="11" style="text-align: right;">Add FREIGHT</td> <td></td> </tr> <tr> <td colspan="11" style="text-align: right;">Insurance & Other charges</td> <td></td> </tr> <tr> <td colspan="11" style="text-align: right;">Less Advance</td> <td></td> </tr> <tr> <td colspan="11" style="text-align: right;">GST on reverse charge</td> <td></td> </tr> <tr> <td colspan="11" style="text-align: right;">Net Amount</td> <td></td> </tr> </tbody> </table>												SNo	Product description	HSN Code	UOM	Quantity	Rate	Amount	Disc Value	Taxable Value	IGST Rate %	IGST Amount	Total Value	1	SUNPLAST PQ 3550 (225 kg X 15 Drum)	KGS		3375.00					18.00			2	SUNPLAST PQ 2550 (230 kg X 20 Drum)	KGS		4600.00					18.00			3	Suncure (210 Kg X 10 Drum)	KGS		2100.00					18.00			TOTAL												Total Amount in words												Total item amount												Less Discount												Total amount before tax												Add IGST												Total amount after tax												Add FREIGHT												Insurance & Other charges												Less Advance												GST on reverse charge												Net Amount											
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Terms & conditions

- 1) The above rates are including transportation
- 2) Payment immediately
- 3) Material should be delivered along with Original Invoice and Test certificate
- 4) Delivery immediate for Site
- 5) Empty Drum Returnable Basis

PURCHASE ASSISTANT

For RAY ENGINEERING PVT. LIMITED



 AUTHORISED SIGNATORY

ACCEPTED



J. M. MHATRE INFRA PVT. LTD.

Engineers & Contractors

CIN No.: U45202MH2010PTC199433

HEAD OFFICE : Market Yard, Plot No. 492, Sahakar Nagar, PANVEL - 410 206, Dist. Raigad, Maharashtra.

TEL.: (022) 27451625 / 27460536 / 27459771-72-73-74-75 • Fax : 27460537 • E-mail : hopanvel@jmmipl.in • web: www.jmminfra.com

Purchase Order

P.O. No.	JMM/2006/POMH/23/00044	Supplier	IRIDIUM CHEMICAL
Date	16-05-2023		801,Shweta Apartment,117/H-1/499, Pandu Nagar,Kanpur,208005, Uttar Pradesh,India
Revision #		Supplier Ref. #	As per our earir PO No. JMM/2006/POMH/23/00034 on 4th May 2023.
Payment Terms	Payable 30 Days from Invoice Date	Supplier Contact	
Currency	INR	Supplier Tel	
Our VAT	27600766015V	Supplier VAT	
Our CST	27600766015C	Supplier CST	
Our GST	27AACCJ2959E1ZJ		
Project Ref	2006 - ARAWALI-KANTE (RATNAGIRI)		

Dear Sir/Madam,

We are pleased to place this order with you as per your above mentioned quote and further discussions on the matter

Line #	Description	Specification	UOM	Quantity	Rate	Amount
1	Curing Compound (Rasin Based) Suncure		MT	10.00		
Sub Total						
			Tax		Rate	Eligible
Tax Summary						
Total						

Amount In Words: INR

Site Address: Aravali-Kante ,Ratnagiri415608Maharashtra

Site Contact Person

Site Contact Phone

Please read attached Terms & Conditions



continued..



ISO 9001:2015



ISO 14001:2015



ISO 45001:2018

J M M I P L

J. M. MHATRE INFRA PVT. LTD.

Annexure to JMM/2006/POMH/23/00044 dated 16-05-2023

Commercial Terms & Conditions

1. **Price:** FOR Plant, Ratnagiri.
2. **Taxes:** GST extra at actual.
3. E-way bill is required as per GST Act.
4. **Packing & Forwarding:** Included.
5. **Freight:** Free delivery at our RMC Plant.
6. **Delivery:** Immediately.
7. **Payment:** 30 Days credit from date of delivery.
8. Empty drum are on returnable basis.
9. Material should be unloaded safely at our site.
10. **Certificate:** You will provide manufacturer's test certificate with the material.
11. **Material Rejection:** In case of any rejection in your material, you will have to replace it at your own cost.
12. **Other Obligations:** You have to follow all the legal, statutory & regulatory obligation, safety rules & procedures, labour laws, environmental laws liable to bear the cost (or expense) as per your scope etc. etc.
13. **Dispatch Address:** J. M. MHATRE INFRA PVT. LTD.

Arawali – Kante (Ratnagiri) Project.
RMC Plant
Bangi Farmhouse, NH - 66
Mumbai Goa Highway, Khurudhunda,
Ratnagiri - 415 611.

Site Contact Person: 1) Mr. Suraj Pendhari Cell No. 97302 00606.

2) Mr. Prashant Garg Cell No. 87665 12877.

3) Mr. H. M. Halsheth Cell No. 75065 04455.

Commercial Contact Person: Mr. Vinod Palande Cell No. 75064 18607.

Acceptance:

For IRIDIUM CHEMICAL

Authorised Signatory



For J.M.Mhatre Infra Private Limited

Authorised Signatory

Surinder
16/05

TEST CERTIFICATES



Test Order/Report No: BVIPL: ADMIXTURE /25951C/1563/7/2023
Job ID No: 2023/Jul/2320993-(UIN-23031278)

ULR - TC562423000007416F
Date of Issue: 28.08.2023
Date of Receipt: 18.07.2023
Page 1 of 1

Issued to: IRIDIUM CHEMICAL

EIGHT FLOOR, 801, SHWETA APATMENT, 117/H-1/499, PANDU NAGAR, Kanpur Nagar, Uttar Pradesh- 208005

TEST REPORT ON ADMIXTURE

Source of Sample* : IRIDIUM CHEMICAL
No. of Sample Tested : 1 (One)
Customer Reference* : Email Dated 18.07.2023
Project* : Not Furnished
Condition of Sample : Satisfactory (1.5 Ltr. in pet bottle)
Sample Drawn By : Customer
Sample Identification* : Admixture, Sample Name- Sunplast PC 5050
Grade/Type* : Not Furnished
Brand* : Sunplast PC 5050
Period of Test : 18.07.2023 to 25.08.2023

Mechanical Testing-(Building Materials)-Admixture

S. No.	Tests	Results	Requirements As Per (IS: 9103-1999) Superplasticizing Admixture for Retarding Type	Test Method
1	Water Content,% of control sample	78.7	80 Max.	IS:1199-2018(Part-2)
2	Slump (mm)	Passes the test	Not more than 15mm below that of the control mix concrete.	IS: 516(Part-1):2021 (Sec-1)
3	Compressive Strength,% of Control Sample			
a	3 Days	135.7	125 Min.	
b	7 Days	132.0	125 Min.	
c	28 Days	119.4	115 Min.	
4	Flexural Strength,% of control Sample			IS:9103-1999
a	3 Days	122.3	110 Min.	
b	7 Days	113.0	100 Min.	
c	28 Days	109.0	100 Min.	
5	Bleeding, % increase over control Sample	1.24	5 Max.	
6	Time of setting Allowable Deviation from Control Sample,(Hours)			IS:1199-2018(Part 7)
a	Initial	1.20	+1 Min,+4 Max.	
b	Final	2.80	+ 3 Max.	
7.	Air Content,% over control sample	0.50	1.5 Max.	IS:1199-2018(Part-4)
8.	Length Change (%) over control sample at (28 Days)	0.0053	0.010 Max	IS: 516(Part-6):2020

****End of Report****



BIPIN B NAYAK
B.B.
Authorized Signatory
(Mechanical)





TEST REPORT

Test Order/Report No: BVIPL: ADMIXTURE /25951C/1563/7/2023
Job ID No: 2023/Jul/2320993-(UIN-23031277)

ULR - TC562423000006421F
Date of Issue: 29.07.2023
Date of Receipt: 18.07.2023
Page 1 of 1

Issued to: IRIDIUM CHEMICAL

EIGHT FLOOR, 801, SHWETA APATMENT, 117/H-1/499, PANDU NAGAR, Kanpur Nagar, Uttar Pradesh- 208005

TEST REPORT ON ADMIXTURE

Source of Sample* : IRIDIUM CHEMICAL
No. of Sample Tested : 1 (One)
Customer Reference* : Email Dated 18.07.2023
Project* : Not Furnished
Condition of Sample : Satisfactory (1.5 Ltr. in pet bottle)
Sample Drawn By : Customer
Sample Identification* : Admixture, Sample Name- Sunplast PC 5050
Grade/Type* : Not Furnished
Brand* : Sunplast PC 5050
Period of Test : 24.07.2023 to 27.07.2023

Chemical Testing-(Buildings Materials)-Admixture

S. No.	Tests	Results	Requirements As Per IS: 9103-1999	Test Method
1.	Dry Material Content, % by mass	26.14	-----±5% of manufacture's declared value	IS: 9103-1999
2.	Ash Content,% by mass	3.18	-----±5% of manufacture's declared value	
3.	Relative Density at 25.0°C	1.08	-----±0.02 of manufacture's declared value	
4.	pH Value at 25.0°C	7.15	6 Min.	
5.	Chloride Content, % by mass	0.10	-----±10% of manufacture's declared value or within 0.2% whichever is greater declared value	IS: 6925-1973

****End of Report****



CHANDAN SINGH

Authorized Signatory
(Chemical)





QUALITY TESTING LABORATORIES

TESTING OF NDT | BUILDING MATERIAL | CHEMICAL | WATER | ENVIRONMENT

S-121, Harsha Compound
Site-2, Loni Road, Indi, Area
Mohan Nagar, Ghaziabad - 201007 (UP)

Mob.: +91-9555361591
Mob.: +91-9555582782
Tel.: 0120-2803068

E-mail: info@qualitytestinglaboratories.com
sksinghndt@gmail.com
Web.: www.qualitytestinglaboratories.com

This Test Report is not valid without a hologram / photocopy

Issued To:
M/s Hamirpur Bypass Private Limited,
Jaindo Construction Private Limited,
Village: Kamla P.O. Neri,
Teh & Distt. Hamirpur (H.P) 177001



ULR No.: TC11506230000001277
Report No.: 20230722GEN572
Date of Issue: 04.08.2023
Date of Receipt: 22.07.2023
Letter No.: JCPL/Hamirpur Bypass/NHAI/2022-23/64
Date: 20.07.2023
Page No.: 01 of 01

QSF-1002

Sample Description: Admixture Brand: Sunlight-PC-5050
Sampling Details: The sample has been provided by the customer
Condition of Sample: 1 Ltr. Quantity Received in Bottle

Discipline: Chemical
Group: Building Material

Name of Work & Subject: Construction of New 2 Lane with Paved Shoulder of Hamirpur Bypass of NH-103 & NH-3 (Design Chainage Km.121+175 to Km. 138+295, Design Length-17.120 Km) in the State of Himachal Pradesh under NH (O) on HAM.

S. No.	Test (with unit of measurement)	Test Result	Test Method	Requirement as per IS 9103:1999, Amd. No. 1&2 Table-1 & Table-2
1.	Uniformity Test			
1.	Dry Material Content (DMC), (%) by mass	26.27	IS 9103:1999	0.95 T≤DMC<1.05T Where, T=Manufacturer's stated value, % by mass DMC=Test result% by mass
2.	Relative Density (at 20±5°C)	1.08	IS 9103:1999	±0.02 of the value stated by the manufacturer
3.	Chloride Content, (%)	Nil	IS 6925:1973	±10 percent of the value, OR within 0.2 percent, Whichever is greater as stated by the manufacturer
4.	pH (at 20±5°C)	7.18	IS 9103:1999	6.0Min.

Note: Any deviation from the standard test method/Specification: Nil

Remark: The sample confirms to the various requirement specified in IS 9103:1999 w.r.t. above tests only.

D.O.S.: 22.07.2023

D.O.C.: 04.08.2023

End of Report



TC-11506

AN ISO 9001:2015 CERTIFIED TESTING LABORATORY

Salendra Kumar
Designation: Technical Manager
Discipline: Chemical
Authorised Signatory

Terms & Conditions: (1) Total liability of our laboratory is limited to the invoiced amount & No liability will be accepted after the sample is taken back. (2) The results listed refer only to tested applicable parameters. Endorsement of product is neither inferred nor implied. (3) The sample description is not verified in all cases and is given "As Described by Customers". Sample not analysis conducted on "As received basis" unless specified otherwise. (4) Sample will be destroyed after 90 days from the date of reporting unless otherwise specified. (5) All samples are subject to analysis conducted on "As received basis" unless specified otherwise. (6) This report is not to be reproduced wholly or in part and cannot be reproduced without the written permission of the laboratory. (7) Any communication about this report should be communicated in writing within 7 days of issue of this report. (8) This report is not to be reproduced wholly or in part and cannot be reproduced without the written permission of the laboratory.



Test Order/Report No: BVIPL: ADMIXTURE /25951C/1563/7/2023
Job ID No: 2023/Jul/2320993-(UIN-23031278)

ULR - TC562423000007416F
Date of Issue: 28.08.2023
Date of Receipt: 18.07.2023
Page 1 of 1

Issued to: IRIDIUM CHEMICAL

EIGHT FLOOR, 801, SHWETA APATMENT, 117/H-1/499, PANDU NAGAR, Kanpur Nagar, Uttar Pradesh- 208005

TEST REPORT ON ADMIXTURE

Source of Sample* : IRIDIUM CHEMICAL
No. of Sample Tested : 1 (One)
Customer Reference* : Email Dated 18.07.2023
Project* : Not Furnished
Condition of Sample : Satisfactory (1.5 Ltr. in pet bottle)
Sample Drawn By : Customer
Sample Identification* : Admixture, Sample Name- Sunplast PC 5050
Grade/Type* : Not Furnished
Brand* : Sunplast PC 5050
Period of Test : 18.07.2023 to 25.08.2023

Mechanical Testing-(Building Materials)-Admixture

S. No.	Tests	Results	Requirements As Per (IS: 9103-1999) Superplasticizing Admixture for Retarding Type	Test Method
1	Water Content,% of control sample	78.7	80 Max.	IS:1199-2018(Part-2)
2	Slump (mm)	Passes the test	Not more than 15mm below that of the control mix concrete.	IS: 516(Part-1):2021 (Sec-1)
3	Compressive Strength,% of Control Sample			
a	3 Days	135.7	125 Min.	
b	7 Days	132.0	125 Min.	
c	28 Days	119.4	115 Min.	
4	Flexural Strength,% of control Sample			IS:9103-1999
a	3 Days	122.3	110 Min.	
b	7 Days	113.0	100 Min.	
c	28 Days	109.0	100 Min.	
5	Bleeding, % increase over control Sample	1.24	5 Max.	
6	Time of setting Allowable Deviation from Control Sample,(Hours)			IS:1199-2018(Part 7)
a	Initial	1.20	+1 Min,+4 Max.	
b	Final	2.80	+ 3 Max.	
7.	Air Content,% over control sample	0.50	1.5 Max.	IS:1199-2018(Part-4)
8.	Length Change (%) over control sample at (28 Days)	0.0053	0.010 Max	IS: 516(Part-6):2020

****End of Report****



BIPIN B NAYAK
B.B.
Authorized Signatory
(Mechanical)





TEST REPORT

Test Order/Report No: BVIPL: ADMIXTURE /25951C/1563/7/2023
Job ID No: 2023/Jul/2320993-(UIN-23031277)

ULR - TC562423000006421F
Date of Issue: 29.07.2023
Date of Receipt: 18.07.2023
Page 1 of 1

Issued to: IRIDIUM CHEMICAL

EIGHT FLOOR, 801, SHWETA APATMENT, 117/H-1/499, PANDU NAGAR, Kanpur Nagar, Uttar Pradesh- 208005

TEST REPORT ON ADMIXTURE

Source of Sample* : IRIDIUM CHEMICAL
No. of Sample Tested : 1 (One)
Customer Reference* : Email Dated 18.07.2023
Project* : Not Furnished
Condition of Sample : Satisfactory (1.5 Ltr. in pet bottle)
Sample Drawn By : Customer
Sample Identification* : Admixture, Sample Name- Sunplast PC 5050
Grade/Type* : Not Furnished
Brand* : Sunplast PC 5050
Period of Test : 24.07.2023 to 27.07.2023

Chemical Testing-(Buildings Materials)-Admixture

S. No.	Tests	Results	Requirements As Per IS: 9103-1999	Test Method
1.	Dry Material Content, % by mass	26.14	-----±5% of manufacture's declared value	IS: 9103-1999
2.	Ash Content,% by mass	3.18	-----±5% of manufacture's declared value	
3.	Relative Density at 25.0°C	1.08	-----±0.02 of manufacture's declared value	
4.	pH Value at 25.0°C	7.15	6 Min.	
5.	Chloride Content, % by mass	0.10	-----±10% of manufacture's declared value or within 0.2% whichever is greater declared value	IS: 6925-1973

****End of Report****



CHANDAN SINGH

Authorized Signatory
(Chemical)





TC-5624

Test Order/Report No: BVIPL: ADMIXTURE /25951C/168/7/2023
Job ID No: 2023/Jul/2319587-(UIN-23029113)

ULR - TC562423000006114F

Date of Issue: 02.08.2023

Date of Receipt: 03.07.2023

Page 1 of 1

Issued to: **SUNLIGHT CONSCHEM CORPORATION**

EIGHT FLOOR, 801, SHWETA APATMENT, 117/H-1/499, PANDU NAGAR, Kanpur Nagar, Uttar Pradesh- 208005

TEST REPORT ON ADMIXTURE

Source of Sample* : SUNLIGHT CONSCHEM CORPORATION
No. of Sample Tested : 1 (One)
Customer Reference* : Letter Dated 28.06.2023
Project* : Not Furnished
Condition of Sample : Satisfactory (1 Ltr. in pet bottle)
Sample Drawn By : Customer
Sample Identification* : Admixture, Sample Name- Sunplast PC 5050
Grade/Type* : Not Furnished
Brand* : Sunplast PC 5050
Period of Test : 10.07.2023 to 17.07.2023

Chemical Testing-(Buildings Materials)-Admixture

S. No.	Tests	Results	Requirements As Per IS: 9103-1999	Test Method
1.	Dry Material Content, % by mass	28.12	-----±5% of manufacture's declared value	IS: 9103-1999
2.	Ash Content, % by mass	2.83	-----±5% of manufacture's declared value	
3.	Relative Density at 25.0°C	1.08	-----±0.02 of manufacture's declared value	
4.	Chloride Content, % by mass	0.018	-----±10% of manufacture's declared value or within 0.2% whichever is greater declared value	IS: 6925-1973

****End of Report****



CHANDAN SINGH

Authorized Signatory
(27/06/2023)



*Indicates information supplied by the customer for which the laboratory has no control. Sampling not done by laboratory, results relate to the sample tested only. The contents of the report shall not be reproduced either in full or in part without prior written consent of the issuing authority. All services are rendered in accordance with Bureau Veritas General conditions of service.

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TC-5624

Test Order/Report No: BVIPL: ADMIXTURE /25951C/168/7/2023
Job ID No: 2023/Jul/2319587-(UIN-23029113)

ULR - TC562423000006114F
Date of Issue: 17.07.2023
Date of Receipt: 03.07.2023
Page 1 of 1

Issued to: **IRIDIUM CHEMICAL**

EIGHT FLOOR, 801, SHWETA APATMENT, 117/H-1/499, PANDU NAGAR, Kanpur Nagar, Uttar Pradesh- 208005

TEST REPORT ON ADMIXTURE

Source of Sample* : IRIDIUM CHEMICAL
No. of Sample Tested : 1 (One)
Customer Reference* : Letter Dated 28.06.2023
Project* : Not Furnished
Condition of Sample : Satisfactory (1 Ltr. in pet bottle)
Sample Drawn By : Customer
Sample Identification* : Admixture, Sample Name- Sunplast PC 5050
Grade/Type* : Not Furnished
Brand* : Sunplast PC 5050
Period of Test : 10.07.2023 to 17.07.2023

Chemical Testing-(Buildings Materials)-Admixture

S. No.	Tests	Results	Requirements As Per IS: 9103-1999	Test Method
1.	Dry Material Content, % by mass	28.12	-----±5% of manufacturer's declared value	IS: 9103-1999
2.	Ash Content, % by mass	2.83	-----±5% of manufacturer's declared value	
5.	Relative Density at 25.0°C	1.08	-----±0.02 of manufacturer's declared value	
4.	Chloride Content, % by mass	0.018	-----±10% of manufacturer's declared value or within 0.2% whichever is greater declared value	IS: 6925-1973

****End of Report****



CHANDAN SINGH
Authorized Signatory
(Chemical)





TC-5624

Test Order/Report No: BVIPL: ADMIXTURE /25951C/1563/7/2023
Job ID No: 2023/Jul/2320993-(UIN-23031277)

ULR - TC562423000006421F
Date of Issue: 29.07.2023
Date of Receipt: 18.07.2023
Page 1 of 1

Issued to: IRIDIUM CHEMICAL

EIGHT FLOOR, 801, SHWETA APATMENT, 117/H-1/499, PANDU NAGAR, Kanpur Nagar, Uttar Pradesh- 208005

TEST REPORT ON ADMIXTURE

Source of Sample* : IRIDIUM CHEMICAL
No. of Sample Tested : 1 (One)
Customer Reference* : Email Dated 18.07.2023
Project* : Not Furnished
Condition of Sample : Satisfactory (1.5 Ltr. in pet bottle)
Sample Drawn By : Customer
Sample Identification* : Admixture, Sample Name- Sunplast PC 5050
Grade/Type* : Not Furnished
Brand* : Sunplast PC 5050
Period of Test : 24.07.2023 to 27.07.2023

Chemical Testing-(Buildings Materials)-Admixture

S. No.	Tests	Results	Requirements As Per IS: 9103-1999	Test Method
1.	Dry Material Content, % by mass	26.14	-----±5% of manufacturer's declared value	IS: 9103-1999
2.	Ash Content, % by mass	3.18	-----±5% of manufacturer's declared value	
3.	Relative Density at 25.0°C	1.08	-----±0.02 of manufacturer's declared value	
4.	pH Value at 25.0°C	7.15	6 Min.	
5.	Chloride Content, % by mass	0.10	-----±10% of manufacturer's declared value or within 0.2% whichever is greater declared value	IS: 6925-1973

****End of Report****



CHANDAN SINGH
Authorized Signatory
(Chemical)





Idma Laboratories Limited

(A Government Approved Test House)

NABL (TC-8207) MOEF/BIS/FSSAI/State Pollution Boards/Drug & Cosmetic Act/ISO 9001; 14001; 18001 Certified

ULR : TCB20719000001964F

TEST REPORT

Ref. No. IL/D-3433	Date 09.07.19	Lab No. 260619L-CH-001	Page No. 1/1
Customer	Iridium Chemical H. No. 801 Shweta Apartment 117/H1/499, Pandu Nagar Kzripur Utter Pradesh		
Type of Sample	Concrete Admixture (Sunplast PC 4050)		
Work Order No.	NIL		
Customer's Description of Sample	Concrete Admixture (Sunplast PC 4050)		
Quantity	5 Ltr		
Packing, Markings, Seal	HDPE Baottle: Batch No. 190624/86		
Mode of Receipt of Sample	By Hand		
Date of Receipt of Sample	26/06/2019		
Period of Analysis	26/06/2019 To 06/07/2019		
Date of Reporting	06/07/2019		
Remarks	N/A		
Testing Protocol	IS 9103-1999 (Amd 1&2)		

RESULTS

S.No.	Test Parameter	Units	Results	Specifications	Test Method
A	Chemical Testing (Building Material)	-	-	-	-
1	Dry Material / 9 (Table2, i)	%	30.55	Within 5% of the value stated by the manufacturer	IS 9103-1999 Annex. E
2	Ash Content / 9 (Table2, ii)	%	2.91	Within 5% of the value stated by the manufacturer	IS 9103-1999 Annex. E
3	Relative Density / 9 (Table2, iii)	-	1.092	Within 0.02 of the value stated by the manufacturer	IS 9103-1999 Annex. E
4	pH / 9(Table2, iv)	-	8.10	Min. 6	IS 9103-1999 Annex. E
5	Chloride Ion content / 9 (Table2, v)	%	0.008	Within 10% of the value or within 0.2% whichever is greater as stated by the manufacturer	IS 9103-1999 Annex. E / IS: 6925-1973

Opinion : For Compliance with reference to requirement, compare the results with the values stated by manufacturer.

This Test Report pertains to the Sample, as received from the customer.

End of Report

For Idma Laboratories Limited



Idma Corporate Park, 391, Industrial Area, Phase-I, Panchkula, Haryana.
Tel. No. : 0172-5064827, 5064830

Website : www.idmagroup.co.in E-mail : testing@idmagroup.co.in

Turn Overleaf

TEST REPORT

TEST REPORT ISSUED BY: LOCATION-01: VASAI LAB (TEST)

TEST REPORT NO.

ULR NO.

TEST REPORT & ISSUE DATE:

DISCIPLINE : CHEMICAL TEST

SAMPLE TESTED BY/AT: LOCATION-01: VASAI LAB (TEST)

TRL-26132-TR-516547

TC571322000023521F

26/09/2022

GROUP NAME : BUILDING MATERIALS

CUSTOMER NAME & ADDRESS:

M/s Sunlight Conschem Corporation
801, Eight Floor, Shweta Apartment, 117-H-1-499 Pandu Nagar, Kanpur.
Kanpur.

PROJECT SITE ADDRESS:

THAKUR & T & T JV
Four Laning Of Existing 2-4 Lane, Stretch From Lonand To Dive Ghat Of Mohol-
Alandi, Section Of NH-965, In The State Of Maharashtra, To Be Executed On
EPC Mode, Under Bharatmala Pariyojana,
Pune.

QUANTITY:

1 L

DATE OF RECEIPT:

21/09/2022

CUSTOMER REF. NO & DATE:

Letter Date: 21/09/2022

CONDITION OF SAMPLE ON RECEIPT:

Satisfactory

SOURCE OF SAMPLE AS GIVEN BY CUSTOMER:

Sunlight Conschem Corporation PC 50 50

TEST METHOD:

IS 9103 : 1999 RA : 2018 Amd-02, IS 6925 : 1973 RA 2018

CONCRETE ADMIXTURE UNIFORMITY TEST RESULTS

PERIOD OF TESTING: 23/09/2022 -24/09/2022

Type: Liquid Admixture

SAMPLE ID AS FURNISHED BY CUSTOMER: Sunlight Conschem Corporation PC 50 50

Sr. No	Test Parameters	Test Method	Test Result	Requirement As Per IS 9103 : 1999
1	Dry Material Content (%)	IS 9103	29.6	0.95T <= DMC < 1.05T
2	pH Value	IS 9103	3.99	Minimum 6
3	Chloride Content by weight (%)	IS 6925 (Volumetric Method)	0.506	within 10% of the value or within 0.2% whichever is greater as stated by the Manufacturer
4	Ash Content (%)	IS 9103	6.1	0.95T <= AC < 1.05T
5	Relative Density at 25.0°C	IS 9103	1.110	Within 0.02 of the value stated by Manufacturer

REMARKS:

(Chloride Content by weight (%) is under scope range of NABL cover upto 0.30 %)

REMARKS:

1. 'T'- Manufacturers Stated Value, in percent by mass
2. 'AC' Test Results, in Percent by Mass
3. Uniformity requirements for ash content is not applicable to accelerating admixture which may contain more than 1 percent chloride content.

NOTE:

- Sample/s was/were not drawn by laboratory.
- The Reported result/s is/are valid only to the sample submitted to the laboratory.
- No part of the report, except in full, shall be reproduced without written consent of the laboratory.
- The authenticity of this report can be verified against the QR Code mentioned next to the signature.

*****End of Report*****



Mahemood ahmed
Authorized Signatory



BRANCH NABL SCOPE



REPORT QR CODE

Page 1 of 1

IDMA LABORATORIES LIMITED

ULR No. : NA

DOC No. : ILL/QF/7.8/01 PLOT NO 391 INDUSTRIAL AREA PHASE 1,
Telephone : +91 9888002607 PANCHKULA, Panchkula, Haryana, India - 134113
FAX : -
E-Mail : testing@idmagroup.co
BO Code : None

Test REPORT AS PER : IS 9103 (1999)**QR Code/Barcode : 100000302083****REPORT NO : 10373109/2022/SS/1_1**

DATE : 17 Oct, 2022

PART A. PARTICULARS OF SAMPLE SUBMITTED

a) Customer Name & Address : SUNLIGHT CONSCHEM CORPORATION
1422,GRAM KATRI, PIPER KHERA, UNNAO,
UNNAO, UTTAR PRADESH, INDIA - 209801

b) Nature of sample : SS

c) Grade/Variety/Type/Class Size etc : TYPE: Superplasticizing admixtures. PHYSICAL
STATE: Liquid

d) Declare values, if any : Chloride Free

e) Batch No. & Date of Manufacture : TRAIL/BIS/01/

f) Quantity : 10 KG

g) Date of Receipt : 08 Sep, 2022

h) BIS Seal : Verified by Sample Cell

i) IO's Signature : Verified by Sample Cell

j) Any other Information / Expiry Date, If any : -/12 MONTHS

k) Date of Commencement of Testing : 09 Sep, 2022

l) Date of Completion of Testing :

m) Section Code : 22C7C7B, 22M8D30

n) Section Report No. : 22C7C7B_1, 22M8D30_1

o) Report Type : New

p) Reference Report No. :

q) Remarks : OK

Babit Kumar
OIC SAMPLE CELL
(Authorized Signatory)
Authorized on: 17 Oct, 2022 17:15 PM

1.

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PART C. TEST RESULT

S.No.	Clause No Table No. Sl. No	Parameter - Method of test	Test Description	Min Limit	Max Limit	Unit	Result/ Observation
1	Clause 9, Table-2	pH	percent by mass	6.0	-	NA	6.25
2	Clause 9, Table-2	Chloride ion content	percent by mass	-	0.2	% by mass	0.0018
3	Clause 9, Table-2	Relative density	percent by mass	1.04	1.08	NA	1.058
4	Clause 9, Table-2	Ash content	percent by mass	1.948	2.153	% by mass	2.014
5	Clause 9, Table-2	Dry material content	percent by mass	20.045	22.155	% by mass	21.121

**Jaspal Singh Chawla
OIC Chemical
(Authorized Signatory)**
Authorized on: 17 Oct, 2022 16:46 PM

This is a Computer Generated Report.

PART C. TEST RESULT

S.No.	Clause No Table No. Sl. No	Parameter - Method of test	Test Description	Min Limit	Max Limit	Unit	Result/ Observation
1	4, Table 1A	Flexural strength percent of control Sample 3 Day	percent	110.0	-	%	115.9
2	4, Table 1A	Flexural strength percent of control Sample 7 Day	percent	100.0	-	%	115.4
3	4, Table 1A	Flexural strength percent of control Sample 28 Day	percent	100.0	-	%	111.4
4	4, Table 1A	Length Change percent Increase over control Sample 28 Day	percent	-	0.01	%	0.003
5	4, Table 1A	Compressive strength percent of control Sample 1 Day	percent	140.0	-	%	147.1
6	4, Table 1A	Compressive strength percent of control Sample 3 Days	percent	125.0	-	%	139.6
7	4, Table 1A	Compressive strength percent of control Sample 7 Days	percent	125.0	-	%	130.1
8	4, Table 1A	Compressive strength percent of control Sample 28 Days	percent	115.0	-	%	121.7
9	4, Table 1B	minimum Compressive strength percent of control mix concrete 28 days	percent	90.0	-	%	102.9
10	Clause 4, Table 1B, Sl no. (iii)	7 days minimum compressive strength, percent of control mix concrete	%	90.0	-	%	105.7
11	Cl 4, Table 1 B	Loss of workability on High Workability Test standing	Physical Requirement	-	-	-	Test Not Applicable
12	Cl 4, Table 1A	Air content (%), Max, Physical Requirement over control	Physical Requirement	-	1.5	%	1.3
13	Cl 4, Table 1A	Loss of workability	Physical Requirement	-	-	-	Test Not Applicable
14	Cl 4, Table 1A	Bleeding, percent increase over control sample, Max	Physical Requirement	-	5.0	%	1.2
15	Cl 4, Table 1A	Length change, percent increase over control sample, Max	Physical Requirement	-	-	-	Test Not Applicable
16	Cl 4, Table 1A	Flexural strength, percent of control sample, Min	Physical Requirement	-	-	-	Test Not Applicable
17	Cl 4, Table 1A	Compressive strength, percent of control sample, Min	Physical Requirement	-	-	-	Test Not Applicable
18	Cl 4, Table 1A	Time of setting, allowable deviation from control sample hours	Physical Requirement	-	-	-	Test Not Applicable
19	Cl 4, Table 1 B	Flow	High Workability Test Mix	510.0	620.0	mm	530.0

20	Cl 4, Table 1A	Water Content, percent of control sample, Max	Physical Requirement	-	80.0	%	74.5
21	Cl 4, Table 1 B	Flow, Loss of workability on satnding, Minimum compressive strength (7 Days,28 Days, 6 Month and 1 Year)	High Workability Test Mix	-	-	-	Test Not Applicable
22	Cl 4, Table 1A	Slump	Physical Requirement	-	15.0	mm	14.0

Jaspal Singh Chawla
OIC Mechanical
 (Authorized Signatory)
 Authorized on: 17 Oct, 2022 16:49 PM

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Idma Laboratories Limited



TEST REPORT

Page No. 1/3
ULR : TC820722000006686F

Issued To: M/s. Sunlight Conschem Corporation
1422, Gram Katri
Piper Khera, Unnao
Kanpur
Uttar Pradesh

Test Report as per : IS 9103-1999 (Amd 1&2)

Report No.: 080922B-A-MH-003
(Job Card.No.)

Report Issued Date: 17/10/2022

Your reference: NIL, QR.CODE- 100000302063, 22C7C7B,22M8D30

Reference Date : 07/09/2022

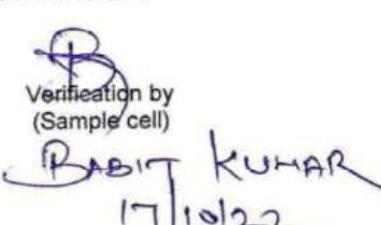
PART A. PARTICULARS OF SAMPLE SUBMITTED

(a) Nature of Sample : Concrete Admixture
(b) Grade/Variety/Type/Class/Size : Retarding Super Plasticizing Admixture, Normal Type
(c) Brand Name if any : Concrete Admixture
(d) Declared Values if any : Chloride Free
(e) Code No. : 10373109/2022/SS/1
(f) Batch No. & Date of Manufacture : TRIAL/BIS/01, DOM = 01/09/2022, DOE = 12 Months
(g) Quantity : 10 Kg
(h) Mode of packing : Plastic Can
(i) Date of Receipt: : 08/09/2022
(j) BIS seal : N/A
(k) I.O.S SIGNATURE : N/A
(l) Any other information : RD-1.06, pH-6.20, DMC- 21.10, CL- NIL, Ash Content- 2.05
(m) Date of Commencement of testing : 09/09/2022
(n) Date of Completion of testing : 17/10/2022

PART A: NOTES:

N.B 1. This report, in full or in part, shall not be published, advertised, used for any legal action, unless prior permission has been secured from the Director General, Bureau of Indian Standards. This report is intended for "BIS CERTIFICATION MARKS PURPOSE ONLY" ..

2. This test report is ONLY FOR THE SAMPLE TESTED.


Verification by
(Sample cell)
Babita KUMAR
17/10/22

Idma Laboratories Limited

Idma Corporate Park,
391, Industrial Area, Phase-I,
Panchkula-134113,
Haryana (India)
Tel No. 0172-5064827, 5064830
Website : www.idmagroup.co.in
Email : commercial@idmalab.co.in

Disclaimer :

- The Test Report is only for the sample tested.
- Samples not drawn by us unless otherwise stated.
- Total liability of Idma Laboratories Limited is limited to the invoiced amount.
- If sample(s) not consumed, they will be stored & retained as per Company Policy / Quality System Procedure.
- The Test Report shall not be reproduced except in full without the written approval of the laboratory.
- The Test Report is intended only for guidance & not for legal purpose or for advertisement.
- The Test Report in full or parts shall not be used for promotional or publicity purpose.
- Legal disputes are subjected to Panchkula Jurisdiction only.
- Any complaint/discrepancies in this Test Report should be communicated in writing within 15 days of the dispatch of Test Report.
- In case of any dispute, the terms & conditions of Idma Laboratories Limited shall prevail.
- In case of any feedback/complaint, please send email at testing@idmagroup.co.in or call at 0172-5064827/5064830



Idma Laboratories Limited



TEST REPORT

Page No. 2/3

Report No. 080922B-A-MH-003

IS 9103-1999 (Amd 1&2)

ULR : TC82072200006686F

Report Issued Date: 17/10/2022

PART B: SUPPLEMENTARY INFORMATIONS:

- a) Reference to sampling procedure, wherever applicable: N/A
- b) Supporting documents for the measurements taken and results derived like graphs, tables, sketches and/or photographs as appropriate to test report, if any (to be attached): N/A
- c) Deviation from the test methods as prescribed in ISS / Work instructions, if any: Nil

PART C. TEST RESULTS

SL.	Test / CL. REF.	Units	Specifications	Results	Test Method
A	Mechanical Testing (Building Material)	-	-	-	-
1	Time of Setting allowable deviation from control samples /4(Table 1A,	-	-	-	IS 9103-1999
1.1	a) Initial Time	Hours	Max. ± 1.5	1.1	IS 9103-1999
1.2	b)Final Time	Hours	Max. + 1.5	1.2	IS 9103-1999
2	Compressive Strength, % of control sample	-	-	-	IS 9103-1999
2.1	6 Months	%	Min. 100	Under Testing	IS 9103-1999
2.2	1 Year	%	Min. 100	Under Testing	IS 9103-1999
3	Length Change, % increase over control sample Max./ 4(Table 1A, vi)	-	-	-	IS 9103-1999
3.1	6 months	%	Max 0.010	Under Testing	IS 9103-1999
3.2	1 year	%	Max 0.010	Under Testing	IS 9103-1999
4	High Workability Test Mix / Table 1B	-	-	-	IS 9103-1999
4.1	Loss of workability on standing 4(Table 1B,ii)	mm	At 45 Min. The loss shall not be less than that of control mix concrete	Satisfactory	IS 9103-1999
5	Min. Compressive strength, % of control mix concrete 4(Table 1B,iii)	-	-	-	IS 9103-1999
5.1	6 months	%	Min.90	Under Testing	IS 9103-1999
5.2	1 year	%	Min.90	Under Testing	IS 9103-1999

Reviewed by

Kav
17/10/2022
Kav

Authorised signatory



Idma Laboratories Limited

Idma Corporate Park,
391, Industrial Area, Phase-I,
Panchkula-134113,
Haryana (India)

Tel No. 0172-5064827, 5064830

Website : www.idmagroup.co.in

Email : commercial@idmalab.co.in

Page 10 of 11

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- The Test Report is only for the sample tested.
- Samples not drawn by us unless otherwise stated.
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- The Test Report in full or parts shall not be used for promotional or publicity purpose.
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- Any complaint/discrepancies in this Test Report should be communicated in writing within 15 days of the dispatch of Test Report.
- In case of any dispute, the terms & conditions of Idma Laboratories Limited shall prevail.
- In case of any feedback/complaint, please send email at testing@idmagroup.co.in or call at 0172-5064827/5064830



ISO 9001:2008 Certified Testing Lab

Accredited as per ISO/IEC - 17025 : 2005

Lab. : Venus House, Near Nagar Palika, Office, Ayodhya By Pass Road,
Village Damkheda, Bhopal (M.P.) Pin - 462041 Ph : 0755-2800181

Mob. : 9425019489, 9425425873, 9425614673, 9425425722

TEST REPORT

Description of Sample: SUNPLAST PC 4050

Report No: VTRL/BPL/4315/05/2020

Sub: Testing as per IS:9103

Date Of Receipt: 02-01-2020

No: SCC/OCT/01

Dated: 02-01-2020

Date of Report: 08-01-2020

Name of Work: Self, for evaluation under IS:9103

S.No.	Test Parameter	Test Value	Requirement as IS:9103	Test Method as per
1.	pH Value	7.23	7-8	IS:9103:1999
2.	Dry Material Content, % w/w	34.90	N.A.	IS:9103:1999
3.	Ash Content, % w/w	4.3	N.A.	IS:9103:1999
4.	Specific Gravity	1.082	N.A.	IS:9103:1999
5.	Chloride Content	Nil	N.A.	IS:6925:1973



T & C : 1. The result issued refer only to the tested samples and applicable parameters. Endorsement of product is neither inferred nor implied.
 2. Total Liability of our Lab is limited to the invoiced amount. 3. Samples will be destroyed after five days from the date of issue of test report.
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STANDARD TESTING LABORATORY

PLOT NO. 782, KANJHWLA INDUSTRIAL AREA, DELHI-110081

PH. : 011-65432009, 9310136322, 9310136320

E-mail : standardtestinglaboratory@yahoo.com, info@standardtestinglab.com



Issued to: - M/s Dineshchandra R.Agrawal Infracon Pvt. Ltd.
401, The Grand Mall, S.M. Road, Ambawadi
Ahmedabad, Gujarat

F.F No.5.10.01.05
Report No. : 180302001
Date of Report : 12/03/2018
Analysis End Date: 12/03/2018
Analysis Start Date: 02/03/2018
Date of Receipt : 02/03/2018
Party Ref. No.: DRA/AIPL/MORTH/NH-200/2018/224 dtd: 27.02.2018

Sample Described: - Admixture [Sunplast PC-4050] "Source/Brand: Sunlight"
Name of Work: - Rehabilitation and up-gradation of NH-200 (New NH-49) from km 127.500 to km 178.944
(village Theka/Darrighat to village Banari section) to two /four lane with Paved shoulder in the state of Chhattisgarh under NHDP-IV.

TEST REPORT

PROTOCOL - IS-516, IS: 1199, IS: 9103, IS: 2386 & IS: 8142

S.No.	Tests	Result	Requirements (IS: 9103-1999)	Conformity
7.	Air content percent over control	0.87	1.5 Max	Yes
8.	Length change % increase over control sample	Awaited	0.010 Max	-
9.	Dry material content %	29.90	$\pm 5\%$ of stated value	-
10.	Relative density	1.12	± 0.02 of stated value	-
11.	Chloride ion content %	Nil	with in 10% of stated value or 0.2% Max whichever is greater	Yes
12.	pH	6.94	6 min	Yes

(Page 2 of 2)

01/03/2018
Authorised Signatory

NABL Accredited/ ISO-9001-2008 Certified Laboratory

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DELHI TEST HOUSE®

A-62/3, G.T. Karnal Road, Industrial Area, Opp. Hans Cinema, Azadpur, Delhi-110 033 (INDIA)

Phone : +91-11-47075555 (30 Lines) Fax : +91-11-47075550

e-mail : info@delhitesthouse.com



ESTD. 1975

Issued to:

The Sr. Project Manager
Dineshchandra R.Agrawal Infracon Pvt. Ltd.
1st Floor, V.R. Plaza Link Road
Bilaspur (C.G.)-495001

QR-0302

Report No: 2108170810GENN70061

Date: - 21.08.2017

Date of Receipt: - 10.08.2017

Party Ref No: DRA/AIPL/MORTH/NH-
200/139, & DT- 10.08.2017

Sample Description - Curing Compound, (Source- Sunlight)

Mark: - Rehabilitation and Up-Gradation of NH-200 (New-NH-49) From Km. 127.500 to Km 178.944 (Village Theka / Darrighat to Village Banari Section) to Two/Four Lane With Paved Shoulders in The State Of Chhattisgarh Under NHDP-IV

TEST REPORT

S. No	Test	Test Method	Results
1.	Drying time, hrs.	ASTM C-309	2.10
2.	Coverage rate, L/m ²	BS-7542/1992	0.201
3.	Reflectance % at 45° C	ASTM E-1347	76
4.	Curing efficiency % (72 hrs)	BS-7542/1992	92.59
5.	Form	Visual	Liquid
6.	Appearance	Visual	Greyish silver
7.	Density at 27° C, g/cc	IS:1448(P-32)92	0.880

Note: - Any Deviation from the Test Method /Specification-Nil

Date of start of testing-12-08-2017

Date of Completion of testing-21.08.2017

G. D. GOEL

Authorized Signatory - Director

011-47075550

ISO- 9001 : 2015 CERTIFIED LABORATORY



STANDARD TESTING LABORATORY

PLOT NO. 782, KANJHWALA INDUSTRIAL AREA, DELHI-110081

PH. : 011-65432009, 9310136322, 9310136320

E-mail : standardtestinglaboratory@yahoo.com, info@standardtestinglab.com

**Issued to :-**

M/s Dineshchandra R. Agrawal Infracom Pvt. Ltd.
401, The Grand Mall, S.M. Road, Ambawadi
Ahmedabad, Gujarat

EF No.5.10.01.05

Report No. : 170114990115

Date of Report : 14/01/2017

Analysis End Date: 14/01/2017

Analysis Start Date: 29/11/2016

Date of Receipt : 29/11/2016

Party Ref. No.: DRA/AIPL/MORTH/NH-200/
2016/QC/37 dtd: 26.11.2016

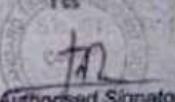
Sample Described: - Admixture "Sunplast PC-2550" (Source/Brand: Sunlight)
Name of Work: - Rehabilitation and up-gradation of NH-200 (New NH-49) from km 127.500 to km 178.944 (village Dheka/Darrighat to Bansari section) Package-I to 4 Lane / 2 Lane with paved shoulder in the state of Chhattisgarh under NHDPL-IV on EPC Basis contract.

TEST REPORT

PROTOCOL-IS-516, IS: 1199, IS: 9103, IS: 2386 & IS: 8142

S.No.	Tests	Result	Requirements (IS: 9103-1999)	Conformity
1.	Water content % of control sample	76	Super plasticizer retarded 80 Max	Yes
2.	Slump, mm	12	Not more than 15mm below that of the Control mix concrete	Yes
3.	Time of setting, allowable deviation from control sample (minutes)			
	Initial	+ 110	+60 to 240	Yes
	Final	+ 100	+180 max	Yes
4.	Compressive strength percent of Control sample			
	3 Days	136	125 Min	Yes
	7 Days	138	125 Min	Yes
	28 Days	127	115 Min	Yes
5.	Flexural strength percent of Control sample			
	3 Days	128	110 Min	Yes
	7 Days	122	100 Min	Yes
	28 Days	110	100 Min	Yes
6.	Bleeding percent increase over content percent	2.02	5 Max	Yes
7.	Air content percent over control	0.77	1.5 Max	Yes
8.	Length Change % Increase over Control Sample	0.005	0.010 Max	Yes

(Page No. 1 of 2)


Authorised Signatory

NABL Accredited/ ISO-9001-2008 Certified Laboratory

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TEST REPORT

Name Of Customer	M/s. GANGAMAI - KALYAN ACR PVT. LTD.	Page No.	01 of 02
Address Of Customer	Tapadia Terraces, 2nd Floor, Adalat Road, Aurangabad - 431001 (M.S.) India	Report No.	BIPL/3016/21
		ULR No.	TC638221000002159P
Name Of Consultand	S.A. Infrastructures Consultant Pvt. Ltd. Noida	Report Date	05.11.2021
Name Of Project	Four laning of Ausa- Chakur section of NH-361 from Km. 55.835 to Km. 114.345 (Design length 58.510 km) under Bharatmala Parivarjna in the State of Maharashtra on Hybride Annuity Mode.	Customer Ref. No.	GK-ACR/NH-361/2021/398 Date : 19.10.2021
Sample Description	Admixture Sunlight PQ4050 - 01	BIPL Ref. No.	BIPL/3016/21 Dt. 28.10.2021
No. Of Samples	01 No	Sampled By	Customer
Dt. Of Sample Received	28.10.2021	Name Of Test	Wet Chemical Test
Dt. Of Test Conducted	From 30.10.2021 onward	Test Method	IS 9103:1999 (RA 2018)
Discipline	Chemical	Group	Building Material

The result of the test conducted on received samples are as follows.

UNIFORMITY TEST		Test Method	Test Result	Requirements IS 9103 : 1999 (RA 2018)
Sr. No.	Name Of Test			
1	pH	IS 9103 : 1999 (RA 2018)	7.20	7 - 8
2	Ash Content - %	IS 9103 : 1999 (RA 2018)	1.49	± 1 % of declared value
3	Relative Density	IS 9103 : 1999 (RA 2018)	1.085	± 0.02 % of declared value
4	Dry Material Content - %	IS 9103 : 1999 (RA 2018)	27.36	± 3 % of declared value
5	Chloride ion Content - %	IS 6925 : 1973	Nil	Within 10 % of the value or within 0.2 % whichever is greater as stated by the manufacturer

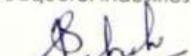
Reviewed by



Mr. Mukthiranjan Sahoo
Dy. Tech. Manager



For, Becquerel Industries Pvt. Ltd.



Mr. Sharad Rahate
Authorised Signatory

CONDITIONS :

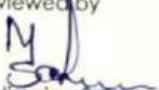
- 1) The results relate only to the items tested / Calibrated
- 2) The use of report for arbitration, publicity and evidence in legal dispute is forbidden except with prior written consent of B.I.P.L. Test Lab.
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TEST REPORT

Name Of Customer	M/s. GANGAMAI - KALYAN ACR PVT. LTD.	Page No.	02 of 02
Address Of Customer	Tapadia Terraces, 2nd Floor, Adalat Road, Aurangabad - 431001 (M.S.) India	Report No.	BIPL/3016/21
		ULR No.	TC638221000002159P
Name Of Consultant	S.A. Infrastructures Consultant Pvt. Ltd. Noida	Report Date	05.11.2021
Name Of Project	Four laning of Ausa- Chakur section of NH-361 from Km. 55.835 to Km. 114.345 (Design length 58.510 km) under Bharatmala Parivarjna in the State of Maharashtra on Hybride Annuity Mode.	Customer Ref. No.	GK-ACR/NH-361/2021/398 Date : 19.10.2021
Sample Description	Admixture Sunlight PC4050 - 02	BIPL Ref. No.	BIPL/3016/21 Dt. 28.10.2021
No. Of Samples	01 No	Sampled By	Customer
Dt. Of Sample Received	28.10.2021	Name Of Test	Wet Chemical Test
Dt. Of Test Conducted	From 30.10.2021 onward	Test Method	IS 9103:1999 (RA 2018)
Discipline	Chemical	Group	Building Material

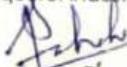
The result of the test conducted on received samples are as follows.

UNIFORMITY TEST		Test Method	Test Result	Requirements IS 9103 : 1999 (RA 2018)
Sr. No.	Name Of Test			
1	pH	IS 9103 : 1999 (RA 2018)	7.40	7 - 8
2	Ash Content - %	IS 9103 : 1999 (RA 2018)	1.50	± 1 % of declared value
3	Relative Density	IS 9103 : 1999 (RA 2018)	1.090	± 0.02 % of declared value
4	Dry Material Content - %	IS 9103 : 1999 (RA 2018)	27.62	± 3 % of declared value
5	Chloride ion Content - %	IS 6925 : 1973	Nil	Within 10 % of the value or within 0.2 % whichever is greater as stated by the manufacturer

Reviewed by

 Mr. Mukti Ranjan Sahoo
 Dy. Tech. Manager



.....End Of Report.....

For, Becquerel Industries Pvt. Ltd.

 Mr. Sharad Rahate
 Authorised Signatory

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STANDARDTEC ENGINEERS INDIA PVT.LTD.

Technical Service Consultants

NABL Accredited as per ISO/IEC 17025:2017

REF: STEPL/2022/10-001/ADMIXTURE/SKR,

Dated: 28th October, 2022.

To

M/s. Ray-PRL (JV),
Near Shine Flexible Prints & Packs Ltd,
Kecheri – Akkikavu Bypass Road,
Akkikavu, Kunnamkulam,
Thrissur, Kerala – 680519.

UNIFORMITY TEST REPORT ON ADMIXTURE

Source of the sample	:	Sample supplied by the customer
No. of samples tested	:	01 (One only)
Test method	:	IS: 9103 – 1999 (Reaffirmed 2008) and IS: 6925 – 1973 (Reaffirmed 2004)
Customer Reference*	:	SAI/CS-KSTP/TAHS221006/CONT/III-R9/RE/156, Dated: 17.10.2022
Work*	:	RKI Package III- Road 9- Rehabilitation and Upgradation of Thrissur- Kuttipuram Road (Length 33.243 Km) in Thrissur District, Kerala.
Samples Received on	:	22.10.2022
Date of test	:	22.10.2022 to 27.10.2022
Condition of sample	:	Satisfactory

Sl. No.	Test Conducted	Results	Requirements as per Table 2 of IS: 9103-1999
SUNPLAST PQ 3550			
01	Chloride Content (% by mass)	Nill	Within 10% of the value or within 0.2% whichever is greater as stated by the manufacturer
02	pH Value (@ 25 ⁰ C)	7.5	6.8
03	Dry Material Content	25.51	Within 0.05 % Manufacturer Stated Value
04	Ash Content by Mass	2.01	Within 0.05 % Manufacturer Stated Value

*As furnished by the customer

Note:

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for STANDARDTEC ENGINEERS INDIA PVT. LTD.

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Technical Service Consultants

NABL Accredited as per ISO/IEC 17025:2017

REF: STEPL/2022/10-002/ADMIXTURE/SKR,

Dated: 28th October, 2022.

To

M/s. Ray-PRL (JV),
Near Shine Flexible Prints & Packs Ltd,
Kecheri – Akkikavu Bypass Road,
Akkikavu, Kunnamkulam,
Thrissur, Kerala – 680519.

UNIFORMITY TEST REPORT ON ADMIXTURE

Source of the sample	Sample supplied by the customer
No. of samples tested	01 (One only)
Test method	IS: 9103 – 1999 (Reaffirmed 2008) and IS: 6925 – 1973 (Reaffirmed 2004)
Customer Reference*	SAI/CS-KSTP/TAHS221006/CONT/III-R9/RE/156, Dated: 17.10.2022
Work*	RKI Package III- Road 9- Rehabilitation and Upgradation of Thrissur-Kuttipuram Road (Length 33.243 Km) in Thrissur District, Kerala.
Samples Received on	22.10.2022
Date of test	22.10.2022 to 27.10.2022
Condition of sample	Satisfactory

Sl. No.	Test Conducted	Results	Requirements as per Table 2 of IS: 9103-1999
SUNPLAST PQ 2550			
01	Chloride Content (% by mass)	Nill	Within 10% of the value or within 0.2% whichever is greater as stated by the manufacturer
02	pH Value (@ 25 ^o C)	7.3	6.8
03	Dry Material Content	18.46	Within 0.05 % Manufacturer Stated Value
04	Ash Content by Mass	2.04	Within 0.05 % Manufacturer Stated Value

*As furnished by the customer

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 Civil Engineering Material Testing Laboratory
 ISO / IEC 17025:2017 NABL Accredited Testing Laboratory
 GSTIN : 27ADWFS8826R1ZL



TC-9176

TEST REPORT						
ADMIXTURE (PHYSICAL)						
Report No.:	ST/M/260822/01339-01			Inward No	ST001339	
ULR No:	TC91762200005820F			Report Issue date	02-09-2022	
Issue To:	M/s. J.Kumar Infraprojects Ltd. 16-A, Andheri Industrial Estate, Veera Desai Road, Andheri (W), Mumbai-400053.			Date of Receipt	26-08-2022	
				Date of Start	26-08-2022	
				Date of Completion	02-09-2022	
				Condition of Sample	Good	
Letter Reference	Design and Construction of Elevated Road between Mulund-Airoli Creek Bridge (Airoli End) and Thane Belapur Road.					
Sample Description/ID Mark:	JKIL/AIROLI CREEK BRIDGE/TEST/53					
Size/Brand/ Batch No.:	SUNPLAST PC5050, 'Superplasticizer					
Discipline :	Mechanical Testing	Group :		Building Material		
Results And Observations :						
Sr.No.	Tests	Results			Requirements (as per IS:9103-1999) RA 2018 , Table 1A & Table 1B	
		Test Method	Control	SUNPLAST PC5050		% Over Control
1	Water Content, % of Control Sample	IS 9103: 1999 RA: 2018	60	35	50	80 Max.
2	Time of Setting, Hours	IS 2142: 1978				
	Allowable Deviation from control sample		4.5	6.2	1.7	+1 Min. +6 Max.
	(a) Initial		4.5	9.3	1.8	+3 Max
3	Compressive Strength, % of Control Sample.	IS 514: 1959 RA: 2018				
	(a) 3 days		14.25	23.16	162.5	125 Min.
	(b) 7 days		23.78	32.98	138.7	125 Min.
	(c) 28 days		Awaited			115 Min.
4	Flexural Strength, % of Control Sample.	IS 516: 1959 RA: 2018				
	(a) 3 days		1.73	3.10	199.2	110 Min.
	(b) 7 days		2.96	4.70	158.8	160 Min.
	(c) 28 days		Awaited			160 Min.
5	Bleeding, % increase over Control Sample	IS 9103: 1999 RA: 2018	0.1	0.2	2	5 Max.
6	Slump, mm	IS 1199:1959 RA: 2018	60	70	-	Not more than 15 mm

Mitesh Jadhav
 Mitesh Jadhav
 Lab Technician

Reviewed By



Avinash Kumar
 Avinash Kumar
 Lab Engineer
 Authorized Signatory



Fermat No: ST/FM/TR

Page 1 of 2



Sttar Technologies

MECHANICAL | CHEMICAL | NDT | DURABILITY | BITUMEN | SOIL
 Civil Engineering Material Testing Laboratory
 ISO / IEC 17025:2017 NABL Accredited Testing Laboratory
 GSTIN : 27ADWFS8826R1ZL



TEST REPORT ADMIXTURE (PHYSICAL)

Report No.:	ST/M/260822/01339-01			Inward No	ST001339		
ULR No:	TC917422000005820F			Report Issue date	31-08-2022		
Issue To:	M/s. J.kumar Infraprojects Ltd. 16-A, Andheri Industrial Estate, Veera Desai Road, Andheri (W), Mumbai-400053.			Date of Receipt	26-08-2022		
				Date of start	26-08-2022		
				Date of Completion	31-08-2022		
				Condition of Sample	Good		
Letter Reference	Design and Construction of Elevated Road between Mulund-Airoli Creek Bridge (Airoli End) and Thane Belapur Road.						
Sample Description/ID Mark:	JKL/AIROLI CREEK BRIDGE/TEST/53						
Size/Brand/ Batch No.:	SUNPLAST PC5050, 'Superplasticizer'						
Discipline :	Mechanical Testing	Group :	Building Material				
Results And Observations :							
Sr.No.	Test	Results			Requirements (as per IS:1199-1999) RA 2018 , Table 1A & Table 1B		
		Test Method	Control	SUNPLAST PC5050			
7	Length Change Percent Over Control Sample (a) 28days	IS 1199:1999 RA : 2018	Awaited				
8	Air Content %	IS 9103: 1999 RA: 2018	1.5	1.7	0.4		
9	Loss Of Workability on standing (A5 Min)	IS 9103: 1999 RA: 2018	60	70	-		
Remark:							
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 Nitesh Jadhav Lab Technician Reviewed By				 Avinash Kumar Lab Engineer Authorized Signatory			
Page 2 of 2			End of Report				
Format No.: ST/FM/TR							

Customer Enquiry Email : sttaritech123@gmail.com www.sttarotech.com / Billing Enquiry : accts.sttarotechnologies@gmail.com

Technical Support - Mechanical : +91 9326083707 Chemical - +91 9324291368 Billing & Accounts Support +91 8828044808

MD : +91 97686 88099 / 022 6881 1510 Customer & Material Pickup Support +91 8928557803

Lab : Platinum Springs, B-6, Plot No. G-20 to G-24, Nr. Dena Bank, Taloja MIDC, Tal. Panvel - 410209.



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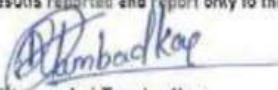
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Civil Engineering Material Testing Laboratory

ISO / IEC 17025:2017 NABL Accredited Testing Laboratory

GSTIN : 27ADWPS8626R1ZL



TEST REPORT ADMIXTURE				
Report No.:	ST/C/260822/01939-01		Inward No	ST001339
ULR No:	TC91762200005820F		Report Issue date	29-08-2022
Issue To:	M/s. J.kumar Infraprojects Ltd. 16-A, Andheri Industrial Estate, Veera Desai Road, Andheri (W), Mumbai-400053.		Date of Receipt	26-08-2022
			Date of start	26-08-2022
			Date of Completion	28-08-2022
			Condition of Sample	Good
Project / Site Address:	Design and Construction of Elevated Road between Mulund-Airoli Creek Bridge (Airoli End) and Thane Belapur Road.			
Letter Reference	JKIL/AIROLI CREEK BRIDGE/TEST/53			
Sample Description/ID Mark:	Admixture, SUNPLAST PC5050			
Size/Brand/ Batch No.:	SUNPLAST PC5050, Superplasticizer			
Discipline :	Chemical Testing	Group :	Building Material	
Results And Observations :				
Sr.No	Test Parameter	Test Method used	Test Result	Permissible Limit IS:9103-1999 Reaffirmed 2018 (Clause 9)Table 2 & Amendment no.2 Aug 2007
1	Colour	As Per RDSO	Light Brown	-
2	pH	IS 9103:1999 Reaffirmed 2018 Clause 10.1 E5	6.40	Min 6
3	Relative Density 20 °C	IS 9103:1999 Reaffirmed 2018 Clause 10.1 E-3.1	1.100	Within 0.02 of value stated by manufacturer
4	Dry Material Content, %	IS 9103:1999 Reaffirmed 2018 Clause 10.1 E-1	34.27	Within 3% of the value stated by manufacturer
5	Chloride ion content, %	IS 6925:1973 Reaffirmed 2018	Nil	Within 10% of value stated by manufacturer or within 0.2% of whichever is greater as stated by manufacturer
6	Ash Content, %	IS 9103:1999 Reaffirmed 2018	3.28	Within 1% of the value stated by manufacturer
Remark:				
1. Test report shall not be reproduced except in full without consent of Star Technologies. 2. Any correction invalidates this report. 3. The test results reported are valid only to the sample tested as submitted by the customer				
 Dhanashri Tambadkar Sr. Chemist Reviewed By			 Anilok Raut Technical Manager Authorized Signatory	
Page 1 of 1		End of Report	Format No.: ST/EM/IR	

Customer Enquiry Email : starmtech123@gmail.com www.starmtech.com / Billing Enquiry : accs.starmechanics@gmail.com

Technical Support - Mechanical : +91 9326083707 Chemical - +91 9324291368 Billing & Accounts Support +91 8828044808

MD : +91 97686 88099 / 022 6881 1510 Customer & Material Pickup Support +91 8928557803

Lab : Platinum Springs, B-6, Plot No. G-20 to G-24, Nr. Dena Bank, Taloja MIDC, Tal. Panvel - 410208.



UDYAM - MM-0165253

www.iciccert.com



ISO 9001:2015

Rgn. No. IN12648A



TEST 2 BUILD

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IS/ISO 9001 : 2015 Certified Company



Report No. : T2B/2024/05156

ULR No. : TC1043424000004844F

Date: 08-03-2024

TEST REPORT ON ADMIXTURE (CHEMICAL)

Customer Name & Address	Sunlight Conschem Corporation, : 801, Sweta Apartment, 117/H1/499, Pandu Nagar, Kanpur-UP-208005.
Customer reference No.	: Nil, Dated: 04-03-2024
TRF No. & Date	: T2B/2023-24/TRF4539, Dated: 06-03-2024
Source of Sample *	: Sunlight Conschem Corporation
Project *	J Kumar Infra Project Limited Construction of New Double Tier 4-lane Elevated Corridor from Chennai Port to Maduravoyal in Chennai District from Km - 0+342 to Km 20+593 on EPC Mode under Bharatmala Pariyojana in the State of Tamil Nadu
Material / Brand *	: Admixture - Sun Plast PC 5050
Condition of Sample	: Good
Testing Commenced & Completed on	: 07-03-2024 to 08-03-2024
Temperature	: 27.1°C
Sample ID No.	: T2B/2023-24/4539/002

Sl. No.	Test Conducted	Test Method	Results	Requirements as per IS 9103 : 1999, reaff 2018 & Amendment No. 1: 2003, Amendment No. 2: 2007
1	Ash Content (percentage by mass)	IS 9103 : 1999, reaff 2018	3.05	Within 5 percent of the value stated by the manufacturer
2	Dry Material Content (percentage by mass)	IS 9103 : 1999, reaff 2018	36.14	Within 5 percent of the value stated by the manufacturer
3	Chloride Content (percentage by mass)	IS 6925 : 1973, reaff 2018	0.004	Within 10 percent of the value or within 0.2 percent whichever is greater as stated by the manufacturer
4	pH	IS 9103 : 1999, reaff 2018	7.03	Min. 6 & Within ± 1 of the value stated by the manufacturer
5	Relative Density	IS 9103 : 1999, reaff 2018	1.102	Within 0.02 of the value stated by the manufacturer

* As furnished by the customer

Notes:

- 1)The above test report results relates only to the samples tested in this laboratory.
- 2)This test report shall not be reproduced except in full, without the written approval of this laboratory.

Authorized Signatory
(R K Bharadwaj)



***** END OF REPORT *****

Page No : 01 of 01

TEST 2 BUILD PVT LTD

M.S. T. V. K Industrial Estate, Guindy, Chennai,
Tamilnadu, 600 032. GST No: 33AAICT8652Q1ZJ

CONTACT US

044 43036880
+91 91104 48542

REACH US

rkb@test2build.com
www.test2build.com



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Report No. : T2B/2024/05155

ULR No. : TC1043424000004843F

Date: 08-03-2024

TEST REPORT ON ADMIXTURE (CHEMICAL)

Customer Name & Address	Sunlight Conschem Corporation, : 801, Sweta Apartment, 117/H1/499, Pandu Nagar, Kanpur-UP-208005.
Customer reference No.	: Nil, Dated: 04-03-2024
TRF No. & Date	: T2B/2023-24/TRF4539, Dated: 06-03-2024
Source of Sample *	: Sunlight Conschem Corporation
Project *	: Chennai Port
Material / Brand *	: Admixture - Sun Plast PC 4050
Condition of Sample	: Good
Testing Commenced & Completed on	: 07-03-2024 to 08-03-2024
Temperature	: 27.1° C
Sample ID No.	: T2B/2023-24/4539/001

Sl. No.	Test Conducted	Test Method	Results	Requirements as per IS 9103 : 1999, reaff 2018 & Amendment No. 1: 2003, Amendment No. 2: 2007
1	Ash Content (percentage by mass)	IS 9103 : 1999, reaff 2018	3.52	Within 5 percent of the value stated by the manufacturer
2	Dry Material Content (percentage by mass)	IS 9103 : 1999, reaff 2018	29.22	Within 5 percent of the value stated by the manufacturer
3	Chloride Content (percentage by mass)	IS 6925 : 1973, reaff 2018	0.014	Within 10 percent of the value or within 0.2 percent whichever is greater as stated by the manufacturer
4	pH	IS 9103 : 1999, reaff 2018	6.20	Min. 6 & Within ± 1 of the value stated by the manufacturer
5	Relative Density	IS 9103 : 1999, reaff 2018	1.088	Within 0.02 of the value stated by the manufacturer

* As furnished by the customer

Notes:

- 1)The above test report results relates only to the samples tested in this laboratory.
- 2)This test report shall not be reproduced except in full, without the written approval of this laboratory.

*R. K. Bharadwaj
(Sr. OM 17m)*

Authorized Signatory
(R K Bharadwaj)



***** END OF REPORT *****

Page No : 01 of 01

TEST 2 BUILD PVT LTD

M.S, T. V. K Industrial Estate, Guindy, Chennai,
Tamilnadu, 600 032. GST No: 33AAICT8652Q1ZJ

CONTACT US

044 43036880
+91 91104 48542

REACH US

rkb@test2build.com
www.test2build.com



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NABL Accredited Laboratory
IS/ISO 9001 : 2015 Certified Company



Report No. : T2B/2024/13418

ULR No. : TC1043424000012882F

Date: 05-06-2024

TEST REPORT

Customer Name & Address

M/s J Kumar Infra projects Limited in JV with
M/s Azvirt limited Liability Company,
: J Kumar House, CTS No.448,448/1,449,
Subhash Road, Vilas Parle East,
Mumbai-400057, India.

Customer reference No.

: JKIL/CPC/OT/PKG-1-4/2023-2024/042, Dated: 29-05-2024

TRF No. & Date

: T2B/2024-25/TRF1329, Dated : 31-05-2024

Source of Sample *

: Sunlight conschem corporation
Batch No - 240517/15

Project *

Construction of New Double Tier 4 -Lane elevated corridor from Chennai
: port to Maduravoyal in Chennai district from Km -0+342 to Km 20+593 on
EPC mode under Bharatmala parijyana in the State of Tamilnadu

Material / Brand *

: Admixture - Sunplast PC 4050

Condition of Sample

: Good

Testing Commenced & Completed on

: 01-06-2024 to 04-06-2024

Temperature

: 26.8° C

Sample ID No.

: T2B/2024-25/1329/001

Sl. No.	Test Conducted	Test Method	Results	Requirements as per IS 9103 : 1999, reaff 2018 & Amendment No. 1: 2003, Amendment No. 2: 2007
1	Ash Content (percentage by mass)	IS 9103 : 1999, reaff 2018	2.11	Within 5 percent of the value stated by the manufacturer
2	Dry Material Content (percentage by mass)	IS 9103 : 1999, reaff 2018	28.34	Within 5 percent of the value stated by the manufacturer
3	Chloride Content (percentage by mass)	IS 6925 : 1973, reaff 2018	0.004	Within 10 percent of the value or within 0.2 percent whichever is greater as stated by the manufacturer
4	pH	IS 9103 : 1999, reaff 2018	6.77	Min. 6 & Within ± 1 of the value stated by the manufacturer
5	Relative Density	IS 9103 : 1999, reaff 2018	1.088	Within 0.02 of the value stated by the manufacturer

* As furnished by the customer

Notes:

- 1)The above test report results relates only to the samples tested in this laboratory.
- 2)This test report shall not be reproduced except in full, without the written approval of this laboratory.

Reviewed Signatory
(P Kavinkumar)



Authorized Signatory
(R K Bharadwaj)

Page No : 01 of 01

***** END OF REPORT *****

TEST 2 BUILD PVT LTD

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Tamilnadu, 600 032. GST No: 33AAICT8652Q1ZJ

CONTACT US

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+91 91104 48542

REACH US

rkb@test2build.com
www.test2build.com



M/s Sunder Construction Company

Ref No.: SSC/ACME/QC-01

Date: 09.12.2025

To,
KAILTECH TEST & RESEARCH CENTRE PVT. LTD.
141-C, Electronic Complex Industrial Area,
Pardesipura, INDORE-452010(INDIA)
Ph:91-731-4787555(30 lines)
4046055, 4048055 web: www.kailtech.net

Project: **164 MW Pachora, Madhya Pradesh**

Sub: Materials Testing and Concrete Mix Design

Dear Sir,

With reference to the above subject line, we want to test concrete materials (coarse aggregate 20mm & 10mm, fine aggregate Sand, cement, water & admixture) at your esteemed laboratory and conduct the concrete mix design for M-15, M-40 and M-60.

Material sample Details as following.

Sr. No.	Material Description	Qty	Source
1	Cement (OPC-53)	2 Bag	Ultratech Cement
2	20 mm (Coarse Aggregate)	200 Kg	Jaswant Stone Crusher
3	10 mm (Coarse Aggregate)	200 Kg	Jaswant Stone Crusher
4	Sand (Fine Aggregate)	200 Kg	Housangabad, MP
5	Water (Potable water)	50 Ltr.	Agar
6	Admixture	5 Ltr.	Auramix-350
7	GGBS	1 Bag.	Suyog Elements
8	Micro-Silica	1 Bag	<i>SunLight Conschem Col.</i>

• **Evaluation of cement & GGBS:**

- To carry out various physical test on cement i.e. Fineness, Standard Consistency, Initial and Final Setting Time, Soundness and compressive strength at 3, 7, 14 and 28 days as per IS 8112 and IS 4031.
- To carryout Chemical analysis of cement sample as per IS 8112 and IS: 4032.
- Cement / GGBS Ratio – 70:30 & 65:35
- Min. 320 Kg/cum & Max. 450 Kg/cum
- Max W/C Ratio - <0.45(Restricted)

Evaluation of Coarse Aggregate:

- To carry out different tests on Coarse Aggregate (20 mm & 10 mm) samples from each source i.e. Bulk density, soundness, deleterious material, Alkali-Aggregate Reaction (AAR), chloride content, sulphate content, Alkalinity, Dissolve Silica (SiO_2), specific Gravity, Water absorption, Sieve analysis, Crushing Value, Impact Value, Abrasion



Parmit Z.
Agarwal

2. May 2025
Q.C. ALIVE



M/s Sunder Construction Company

Evaluation of Fine Aggregate:

- To carry out different test on Fine Aggregate samples from each source i.e. Bulk density, material finer than 75 micron, soundness, Alkali-Aggregate Reaction (AAR), chloride content, sulphate content, Alkalinity, Dissolve silica (SiO_2), specific Gravity, Water absorption, Sieve analysis, deleterious material, Silt content, Petrographic, and mica content, as per IS:2386.
- To prepare evaluation report based on test results and advice regarding suitability of Fine aggregate to be used with the cement for concrete works.

Evaluation of Water:

- To carry out various physical and chemical tests as per IS: 456 and IS: 3025.
- Max. W/C Ratio - <0.45 (Restricted)

Evaluation of Admixture:

- To carry out physical and chemical tests i.e. Dry material content, Relative density, pH, Chloride content, Ash content etc. as per IS: 9103.

Details of Mix Design to be carried out:

Sr. No.	Concrete Grade	Slump Required	With/Without Admixture	Type of Cement	Exposer Condition	Min/Max Cement content Max W/C Ratio
1	M-15	-	Without Admixture	Ultratech Cement (OPC-53)	Moderate	IS 456 Table 5
2	M-40	After 120 Min 90-120 mm	With Admixture	Ultratech Cement (OPC-53)	Moderate	IS 456 Table 5
3	M-60	After 120 Min 90-120 mm	With Admixture & micro silica	Ultratech Cement (OPC-53)	Moderate	IS 456 Table 5

Note :- Minimum 3 trials to be conducted in lab

Kindly conduct the test from each source as per their relevant code and forward the test report as soon as possible.

Thanking you,

For, M/s SUNDER CONSTRUCTION COMPANY

Yogesh Soni
yogesh soni

Dharmendra
Panjabji 2
ACM/PS
9/12/25
OC/Acme



MALWA INFRACON PRIVATE LIMITED

Ref No.:

Date: 12/12/2025

81, Sector N Green Park Colony Indore MP 452002

To,
 The Director,
 Marshal lab Indore
 Shop 6-7 , Fourth Floor , Dawa Bazar ,
 13-14,R.N.T Marg Indore Madhya
 Pradesh, INDIA 452001

Project : ACME 164 MW Wind Project MP Pachor.

Sub: Materials Testing and Concrete Mix Design

Dear Sir,

With reference to the above subject line, we want to test concrete materials (coarse aggregate 20mm & 10mm, fine aggregate ,Sand, cement,GGBS , water , admixture & Micro silica) at your esteemed laboratory and conduct the concrete mix design for M-15 PCC, M-40 Raft and M-60 Pedestal concrete.

Material sample Details as following.

Sr. No.	Material Description	Qty	Source
1	Cement (OPC-53)	2 Bag	Ultratech
2	20 mm (Coarse Aggregate)	200 Kg	Jaswant stone crusher
3	10 mm (Coarse Aggregate)	200 Kg	Jaswant stone crusher
4	River Sand (Fine Aggregate)	200 Kg	Tava River (Husangabad)
5	Water (Potable water)	50 Ltr.	Agar
6	Admixture	5 Ltr.	Fosroc Auramix 400
7	Micro Silica	1 Bag.	Sunlight Conschem Corporation
8	GGBS	1 Bag	Suyog Elements

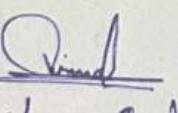
Evaluation of cement & GGBS:

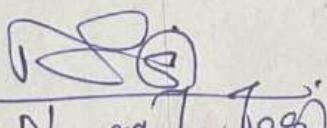
- To carry out various physical test on cement i.e. Fineness, Standard Consistency, Initial and Final Setting Time, Soundness and compressive strength at 3, 7 , 21 and 28 days as per IS 8112 and IS 4031.
- To carryout Chemical analysis of cement sample as per IS 8112 and IS: 4032.
- Cement / GGBS Ratio – 70:30 & 65:35
- Min. 320 Kg/cum & Max. 450 Kg/cum
- Max W/C Ratio - <0.45(Restricted)

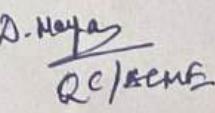


Evaluation of Coarse Aggregate:

- To carry out different tests on Coarse Aggregate (20 mm & 10 mm) samples from each source i.e. Bulk density, soundness, deleterious material, Alkali-Aggregate Reaction (AAR), chloride content, sulphate content, Alkalinity, Dissolve silica (SiO_2), specific


 (Malwa AC)


 Naeeraj Jaisi
 ACME


 D. Nayak
 QC/EMC

Petrographic, Elongation and Flakiness Index as per IS:2386.

- To prepare an evaluation report based on test results and advice regarding suitability of aggregate to be used with the cement for concrete works.

Evaluation of Fine Aggregate:

- To carry out different test on Fine Aggregate samples from each source i.e. Bulk density, material finer than 75 micron, soundness, Alkali-Aggregate Reaction (AAR), chloride content, sulphate content, Alkalinity, Dissolve silica (SiO_2), specific Gravity, Water absorption, Sieve analysis, deleterious material, Silt content, Petrographic, and mica content, as per IS:2386.

To prepare evaluation report based on test results and advice regarding suitability of Fine aggregate to be used with the cement for concrete works.

Evaluation of Water:

- To carry out various physical and chemical tests as per IS: 456 and IS: 3025.
- Max. W/C Ratio - <0.45 (Restricted)

Evaluation of Admixture:

- To carry out physical and chemical tests i.e. Dry material content, Relative density, pH, Chloride content, Ash content etc. as per IS: 9103.

Details of Mix Design to be carried out:

Sr. No.	Concrete Grade	Slump Required	With/Without Admixture	Type of Cement	Exposer Condition	Min/Max Cement content Max W/C Ratio
1	M-15 PCC	-	Without Admixture	Ultratech (OPC-53)	Moderate	IS 456 Table 5
2	M-40 Raft	After 120 Min 90 - 120 mm	With Admixture	Ultratech (OPC-53) & GGBS	Moderate	IS 456 Table 5
3	M-60 Pedestal	After 120 Min 90 - 120 mm	With Admixture & Micro Silica	Ultratech (OPC-53) & GGBS	Moderate	IS 456 Table 5

Note :- Minimum 3 trials to be conducted in lab

Kindly conduct the test from each source as per their relevant code and forward the test report as soon as possible.

Thanking you,
For, M/S Malwa Infracon Pvt. Ltd.



Dinesh
Malwa AC

Neeraj Todi
ACME

D. Nayak
AC/ACME

The background features a large, abstract graphic element in the upper right corner. It consists of several overlapping, curved bands in a light blue color. The bands curve from the top right towards the bottom left, creating a sense of motion and depth.

**QUALITY
LETTERS**



DATE: 10/07/2023

TO WHOMSOEVER IT MAY CONCERN

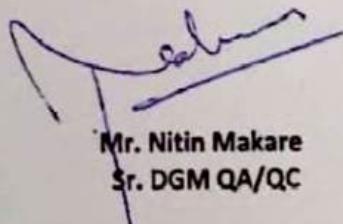
**SATISFACTORY PERFORMANCE CERTIFICATE FOR SUN PLAST PC 3050(ADMIXTURE) AT
MMRDA PROJECTS (SCLR FLYOVER, CHEDDA NAGAR FLYOVER AND SEWRI-WORLI
CONNECTOR)**

This is to certify that **SUN PLAST PC 3050 (ADMIXTURE)** supplied by M/s Sunlight Conschem Corporation at various MMRDA PROJECTS (SCLR FLYOVER, CHEDDA NAGAR FLYOVER AND SEWRI-WORLI CONNECTOR) was found to have satisfactory performance.

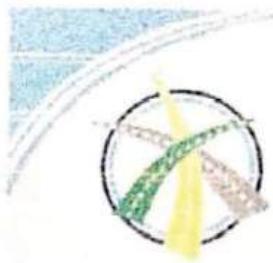
The product was successful in fulfilling our site requirements in accordance with manufacturer's specifications.

It also certified that the above work orders were successfully completed.

For J. Kumar Infraprojects Limited



Mr. Nitin Makare
Sr. DGM QA/QC



GAWAR
Construction Limited

ISO 9001:2008 Certified Company

CIN : U70109HR2008PLC037773

GAWAR CONSTRUCTION LIMITED
SF-01, JMD Galleria,
Sector 48, Sohna Road,
Gurgaon - 122001 (Haryana)
Ph : (0124) 4854000
Fax : (0124) 4854001/02
Web : www.gawar.in
E-mail : gcl@gawar.in

Date : 06/02/2023

TO WHOMSOEVER IT MAY CONCERN

QUALITY PERFORMANCE CERTIFICATE FOR SUN SILICA, SUNFINE, SUNCURE & SUNPLAST AT OUR DIFFERENT SITES:

This is to certify that M/s Sunlight Conschem Corporation has supplied below mentioned products at our different sites:

1. **SUN SILICA (MICRO SILICA)**
2. **SUN FINE (UFGGBS)**
3. **SUN CURE (CURING COMPOUND)**
4. **SUN PLAST (ADMIXTURE)**

That all the products were found to have satisfactory performance. Quality wise products were much better than any other products.

The products were successful in fulfilling our requirements in accordance with manufacturer's specification.

You're faithfully

For Gawar Construction Ltd.

(Quality Manager)

Regd. Office : DSS - 378, Sector 16-17, Hisar - 125005 (Haryana)
Ph : (01662) 246117, 250361, Fax : (01662) 248885



SAICPL/Chakur-Loha/IE/PD/NII-361/2023/OM-07

Date: 23.06.2023

TO WHOMSOEVER IT MAY CONCERN

The following products, manufactured by M/s Sunlight Conschem Corporation, 801 Shweta Apartments, 117/11/499 Pandu Nagar, Kanpur, were used in Four Laning of Chakur-Loha Section of NH-361 from km 114.600 to km 187.800 (Design length 73.345 km) under Bharatmala Pariyojana in the state of Maharashtra on Hybrid Annuity Mode.

1. SUNPLAST PC 5050 (ADMIXTURE)
2. SUNSILICA (MICRO SILICA)
3. SUNCURE (CURING COMPOUND)

The above products were used in high grade concrete M45 & M50 designs.

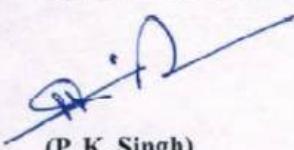
The following were noted:

- a. The mix was cohesive.
- b. High Early Strength and 28 Days Strength was noted.
- c. There was no bleeding or segregation in the mix.
- d. The quality supplied was consistent.
- e. The usage of Micro Silica helped attain good strengths.
- f. Curing Compound used on segments was consistent with the requirements.

Overall, we would like to say that the quality of all the products was very good and consistent.

This has been issued on the request of supplier/ vendor for record.

Thanking You,
For, SA Infrastructure Consultants Pvt. Ltd.



(P. K. Singh)

Team Leader Cum Sr. Highway Engineer
Chakur-Loha Section of NH-361.



J. M. MHATRE INFRA PVT. LTD.

Engineers & Contractors

CIN No.: U45202MH2010PTC199433

HEAD OFFICE : Market Yard, Plot No. 492, Sahakar Nagar, PANVEL - 410 206, Dist. Raigad, Maharashtra
TEL.: (022) 27451625 / 27460536 / 27459771-72-73-74-75 • Fax: 27480537 • E-mail: hopanvel@jmmipl.in • web: www.jmminfra.com

JMMIPL/NHAI/Pkg-I/Bypass/2023-24/065

Date: 21/06/2023

To,
SUNLIGHT CONSCHEM CORPORATION
801, Shewata apartments,
117/H-1/499, Pandu Nagar,
Kanpur, Uttar Pradesh 208005.

Project :- Four Laning of existing Two laning stretch from Mohol at Km.00.000 to Whakri at 44.700 (Pkg-1) on Mohol - Alandi Section(Design Length 44.700 km) of NH965 in the State of Maharashtra on EPC mode.

Subject :- Performance Certificate reg.

We hereby certify that we have used M/S Sunlight Conchem Corporation Admixture (Sunplast PC 5050) in our ongoing Structural Concrete work for above project.

Our Observations after using Admixture (Sunplast PC 5050)

1. The Concrete mix is cohesive.
2. No Segregation/ bleeding is observed.
3. Average admixture dosage is 1.0 % (3.8 kg) per Cubic Meter of Concrete.
4. The mix is Homogeneous.
5. Each lot of Admixture supply is Standard manner.
6. Totally very good.

For J M MHATRE INFRA PVT LTD.

Raju Kakani

Material Engineer



ISO 9001:2015



ISO 14001:2015



ISO 45001:2018

J M M I P L



ATCON INDIA LTD.

TO WHOMSOEVER IT MAY CONCERN

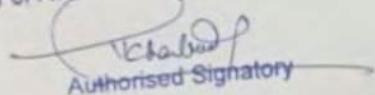
This is to certify that M/s Sunlight Conschem Corporation has supplied below mentioned products to our different project sites:

- 1- SUNCURE(Curing Compound)
- 2- Sunsilica(Microsilica)
- 3- Sunplast PC 4050 (Admixture)

The quality of the above products was consistent and the performance was satisfactory.

It has been a pleasure to have worked with them.

For ATCON INDIA LIMITED


Authorised Signatory



Sunlight

Conchem Corporation is one of the leading manufacturer and supplier of Dispersing Agent & Construction Chemicals. It is an ISO 14001:2015 company. It has state-of-the-art R&D Lab where highly qualified personals continually strive to enhance the quality of products which then come to market after extensive field trials. Sunlight Corporation continually endeavours to enhance the customer experience by achieving Excellency in Quality, Timely Delivery and Competitive Price its Products.

IRIDIUM CHEMICAL

Head Office: 801 Shweta Apartments
117/H-1/499, Pandu Nagar, Kanpur - 208 005, India
+91-9415133506, +91-9984361590, +91-9839809030

Website : www.sunlightconschem.com • Email: iridiumchem@gmail.com